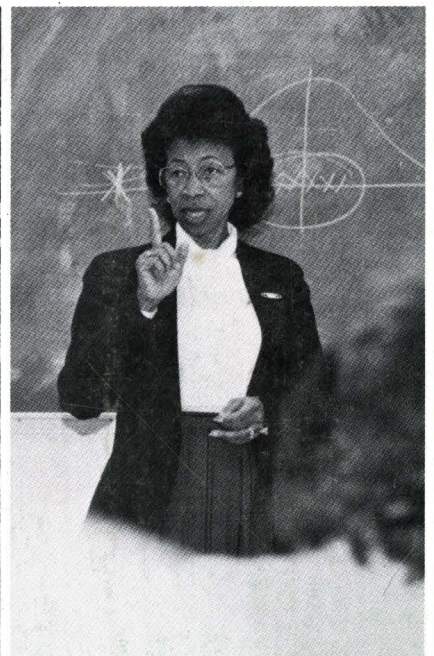
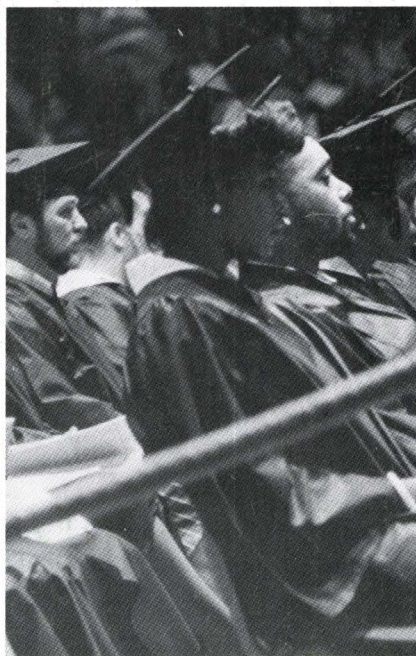
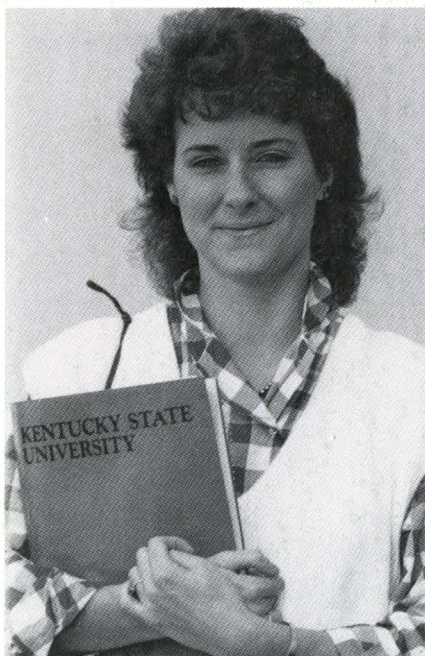
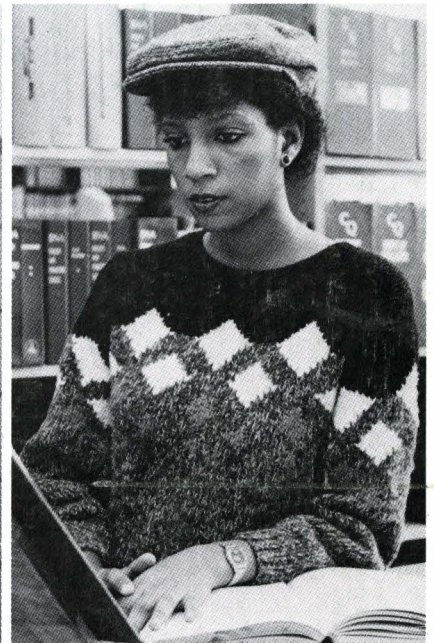
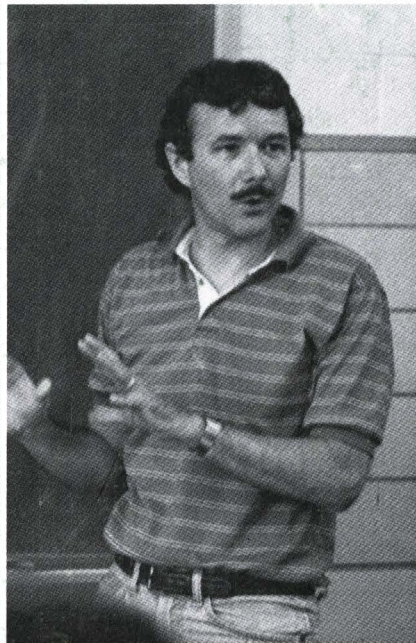
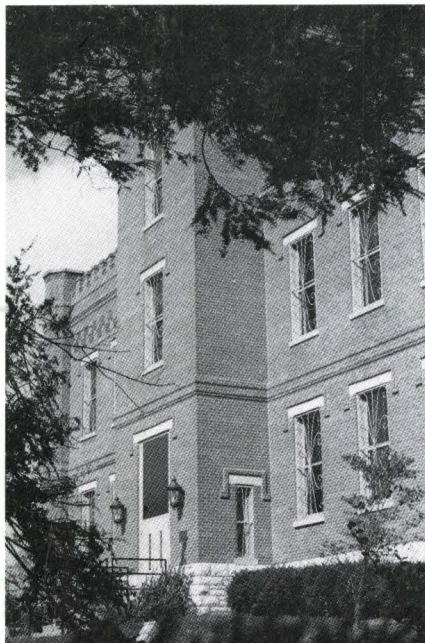


Kentucky State University



Catalogue 1986-1988



Kentucky State University

Kentucky's unique, small liberal studies public university

Kentucky State University

Catalogue 1986-1988

Published by
Kentucky State University
Frankfort, Kentucky

Kentucky State University is an equal opportunity institution.

This catalogue provides information to the student or prospective student of Kentucky State University concerning programs and services available at the time it was published. It offers as accurate as possible a presentation of the kinds of offerings the student may expect to find at Kentucky State University. But curricula, courses, degree requirements, fees and policies are subject to constant review. Specific details may vary from the statements printed here without further notice.

Accreditation

Kentucky State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools.

Credits earned at Kentucky State University are accepted by other accredited institutions of higher education throughout the country for transfer credit, graduate study, professional placement, and employment opportunities. The University also holds full membership in and/or accreditation from the following state, regional, and national educational or professional organizations:

American Association of Colleges for Teacher Education
American Association of State Colleges and Universities
American College Health Association
American Council on Education
American Home Economics Association
American Library Association
American Society for Public Administration

Association of American Colleges
College Entrance Examination Board
Council on Social Work Education
Kentucky Academy of Science
Kentucky Board of Nursing Education and Nurse Registration
Kentucky Department of Education
National Association of State Universities and Land Grant Colleges
National Association of Schools of Music
National Association of Schools of Public Affairs and Administration
National Collegiate Athletic Association
National Committee for Cooperative Education
National Council for Accreditation of Teacher Education
National Institute of Public Management
National League for Nursing
Southern Council of College Education for Nursing

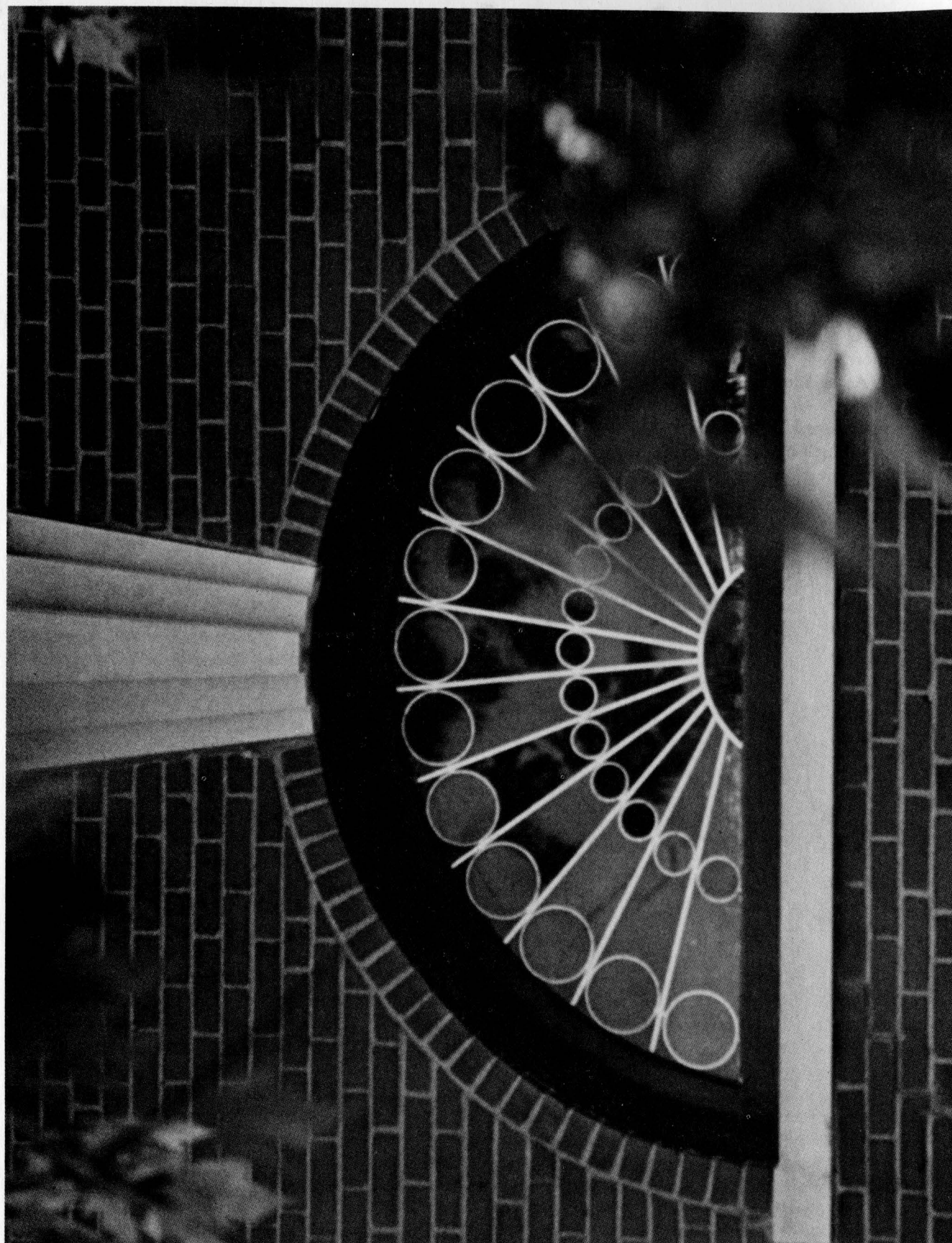


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University Academic Calendar

FALL 1986 SEMESTER

April 7	Monday — Preregistration for fall semester begins	January 7	Wednesday — Regular registration
April 18	Friday — Preregistration for fall semester ends	January 8	Thursday — Classes begin
August 17-19	Sunday-Tuesday — New student orientation	January 14	Wednesday — Last day of late registration
August 20	Wednesday — Regular registration	January 19	Monday — Academic Holiday (Observance of Martin Luther King, Jr.'s and Presidents' Birthdays)
August 21	Thursday — Classes begin	February 11	Wednesday — Last day to drop classes or withdraw from the University and receive a "W"
August 27	Wednesday — Last day of late registration	March 2-6	Monday-Friday — Midterm examinations
September 1	Monday — Academic Holiday (Labor Day)	March 18	Wednesday — Last day to drop classes or withdraw from the University with a "WP" and "WF"
September 24	Wednesday — Last day to drop classes or withdraw from the University and receive a "W"	March 23-27	Monday-Friday — Spring vacation
October 13-17	Monday-Friday — Midterm examinations	April 6	Monday — Preregistration for intersession, summer session and fall semester begins
October 29	Wednesday — Last day to drop classes or withdraw from the University with a "WP" and "WF"	April 17	Friday — Preregistration for intersession, summer session and fall semester ends
November 3	Monday — Preregistration for spring semester begins	April 17	Friday — Academic Holiday (Good Friday)
November 14	Friday — Preregistration for spring semester ends	April 27-May 1	Monday-Friday — Final examinations for prospective graduates
November 26	Wednesday — Thanksgiving Holiday begins at noon	May 4	Monday — Grades for prospective graduates due in the Office of Records, Registration and Admissions at 9 a.m.
December 1	Monday — Classes resume	May 4-8	Monday-Friday — Final examinations
December 8-12	Monday-Friday — Final examinations	May 9	Saturday — Semester ends at 3:00 p.m.
December 13	Saturday — Semester ends at 3:00 p.m.	May 10	Sunday — Commencement Convocation
December 15	Monday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.	May 11	Monday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.

SPRING 1987 SEMESTER

November 3	Monday — Preregistration for spring semester begins		
November 14	Friday — Preregistration for spring semester ends		
January 5-6	Monday-Tuesday — New student orientation		

INTERSESSION 1987

April 6	Monday — Preregistration for intersession begins
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April 17	Friday — Preregistration for intersession ends
May 8	Friday — Regular registration
May 11	Monday — Classes begin
May 12	Tuesday — Last day of late registration
May 15	Friday — Last day to drop classes or withdraw from the University and receive a "W"
May 22	Friday — Last day to drop classes or withdraw from the University with a "WP" and "WF"
May 25	Monday — Academic Holiday (Memorial Day)
May 29	Friday — Final examinations
May 30	Saturday — Intersession ends at 3:00 p.m.
June 1	Monday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.

SUMMER SESSION 1987

April 6	Monday — Preregistration for summer session begins
April 17	Friday — Preregistration for summer session ends
June 12	Friday — Regular registration
June 15	Monday — Classes begin
June 17	Wednesday — Last day of late registration
June 26	Friday — Last day to drop classes or withdraw from the University and receive a "W"
July 1-2	Wednesday-Thursday — Midterm examinations
July 3	Friday — Academic Holiday (Independence Day)
July 10	Friday — Last day to drop classes or withdraw from the University with a "WP" and "WF"
July 23-24	Thursday-Friday — Final examinations
July 25	Saturday — Summer Session ends at 3:00 p.m.
July 27	Monday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.

FALL 1987 SEMESTER

April 6	Monday — Preregistration for fall semester begins
April 17	Friday — Preregistration for fall semester ends
August 16-18	Sunday-Tuesday — New student orientation
August 19	Wednesday — Regular registration
August 20	Thursday — Classes begin
August 26	Wednesday — Last day of late registration
September 7	Monday — Academic Holiday (Labor Day)
September 23	Wednesday — Last day to drop classes or withdraw from the University and receive a "W"
October 12-16	Monday-Friday — Midterm examinations
October 28	Wednesday — Last day to drop classes or withdraw from the University with a "WP" and "WF"
November 9	Monday — Preregistration for spring semester begins
November 20	Friday — Preregistration for spring semester ends
November 25	Wednesday — Thanksgiving Holiday begins at noon
November 30	Monday — Classes resume
December 7-11	Monday-Friday — Final examinations
December 12	Saturday — Semester ends at 3:00 p.m.
December 14	Monday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.

SPRING 1988 SEMESTER

November 9	Monday — Preregistration for spring semester begins
November 20	Friday — Preregistration for spring semester ends
January 4-5	Monday-Tuesday — New student orientation
January 6	Wednesday — Regular registration
January 7	Thursday — Classes begin
January 13	Wednesday — Last day of late registration

January 18	Monday — Academic Holiday (Observance of Martin Luther King, Jr.'s and Presidents' Birthdays)
February 10	Wednesday — Last day to drop classes or withdraw from the University and receive a "W"
February 29-March 4	Monday-Friday — Midterm examinations
March 16	Wednesday — Last day to drop classes or withdraw from the University with a "WP" and "WF"
March 28-April 1	Monday-Friday — Spring vacation
April 1	Friday — Academic Holiday (Good Friday)
April 4	Monday — Preregistration for intersession, summer session and fall semester begins
April 15	Friday — Preregistration for intersession, summer session and fall semester ends
April 25-29	Monday-Friday — Final examinations for prospective graduates
May 2	Monday — Grades for prospective graduates due in the Office of Records, Registration and Admissions at 9 a.m.
May 2-6	Monday-Friday — Final examinations
May 7	Saturday — Semester ends at 3:00 p.m.
May 8	Sunday — Commencement Convocation
May 9	Monday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.

INTERSESSION 1988

April 4	Monday — Preregistration for intersession begins
April 15	Friday — Preregistration for intersession ends
May 6	Friday — Regular registration
May 9	Monday — Classes begin

May 10	Tuesday — Last day of late registration
May 13	Friday — Last day to drop classes or withdraw from the University and receive a "W"
May 20	Friday — Last day to drop classes or withdraw from the University with a "WP" and "WF"
May 27	Friday — Final examinations
May 29	Saturday — Intersession ends at 3:00 p.m.
May 30	Monday — Academic Holiday (Memorial Day)
May 31	Tuesday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.

SUMMER SESSION 1988

April 4	Monday — Preregistration for summer session begins
April 15	Friday — Preregistration for summer session ends
June 10	Friday — Regular registration
June 13	Monday — Classes begin
June 15	Wednesday — Last day of late registration
June 25	Friday — Last day to drop classes or withdraw from the University and receive a "W"
June 30-July 1	Thursday-Friday — Midterm examinations
July 4	Monday — Academic Holiday (Independence Day)
July 8	Friday — Last day to drop classes or withdraw from the University with a "WP" and "WF"
July 21-22	Thursday-Friday — Final examinations
July 23	Saturday — Summer session ends at 3:00 p.m.
July 25	Monday — All grades due in the Office of Records, Registration and Admissions at 9 a.m.

A Letter from the President

Colleges and universities can open untold possibilities for their students. They do so because they provide to those people who study at them fresh insights, new kinds of learning, renewed perceptions of the character and potential of the human race, and the ideals of making commitments and willing sacrifices to persons and ideas.

Since October, 1887, when classes first began at what is now Kentucky State University, the institution about which this Catalogue is written has carried out its role and mission of providing to students the knowledge and values necessary to lead a productive and humane life. It has provided to students the knowledge necessary to answer questions basic to leading a productive and humane life: Why am I here? What are my responsibilities to myself? What are my responsibilities to my family? What are my responsibilities to other individuals? To the community? To the inhabitants of other communities? What moral code should I follow in exercising my personal and professional responsibilities?

Higher education too often has been described simply as the serial fulfillment of academic credits and prerequisites. At Kentucky State it is that, but it is more. It is the discovery of wholly new and different abilities, and it has as much to do with students developing an inner suitability for meeting the challenges of the future as it has with students meeting their current goals.

Kentucky State believes that an education for facts is simply no longer enough, unless they can be incorporated into some larger, philosophical whole. The University encourages its students to believe the same thing, and it provides, through its liberal studies-oriented academic programs, the opportunity to exercise that belief.

Whatever our national future, we will need new human capabilities, the kind that Kentucky State strives to instill in its students. We will also need colleges and univer-



sities that strive for excellence, as does Kentucky State, so that they may produce graduates who are fulfilled and creative, who excel at their own uniqueness, who have humane qualities, and who can meet the challenges of the future.

At Kentucky State University the quest for excellence is not a dust-laden cliché. It is a way of life, a total commitment on the part of faculty, staff, administration and students. It is a total commitment to opening untold possibilities for *all* concerned.

Sincerely,

Raymond M. Burse
President

The University: A History of Public Service

A CENTURY OF EXCELLENCE IN HIGHER EDUCATION

The year 1886 was when Frankfort — Kentucky's capital city — celebrated its centennial anniversary. Celebrants from throughout Kentucky and the nation came to join the festivities. Many arrived on horseback. Stagecoaches, steamships, and trains brought most of the dignitaries. Steamships traversing the sometimes cantankerous Kentucky River had a choice of 42 landings in and around the town. Louisville & Nashville Railroad passenger trains crammed with joyous visitors continually rumbled through the bustling 100-year-old community.

As one newspaper of the day described the scene, "the trains have been emptying their coaches so long at the depot that an observer is impressed with the belief that everybody and his cousin in Kentucky and adjoining states are here. The streets, both on the north and south sides, are impassable with pedestrians, and there is not a window or a balcony in the line of march, which takes in every street in the city, but has a group of beautiful faces set in ribbons and feathers . . ."

It was into this setting that the State Normal School for Colored Persons was born, founded as a result of an act passed by the Kentucky legislature that was signed into law by Governor J. Proctor Knott on May 18, 1886. The 4,000 residents of Frankfort, many of whom had vivid recollections of the Civil War and who were swept up in the euphoria of the city's centennial celebrations, were keenly interested in having the new institution located in their town. Toward that end, the city donated \$1,500 — a considerable amount in 1886 dollars — and a site on a scenic bluff overlooking the town. This united display of community enthusiasm and commitment won the day. The new college was located in Frankfort.

In 1887 Recitation Hall (now Jackson Hall), the college's first building, was erected. With John H. Jackson as president, the new school opened on October 11 with three teachers and 55 students.

In 1890 the institution became a land-grant college, and the departments of home economics, agriculture, and mechanics were added to the school's curriculum. In the spring of that year the school produced its first graduates, a class of five. In 1893 a high school was organized. This expansion continued into the twentieth century in both name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored

Persons. The name was changed again in 1926 to Kentucky State Industrial College for Colored Persons, and in 1938 the school was named the Kentucky State College for Negroes. In 1952 the term "for Negroes" was dropped. Kentucky State College became a university in 1972, and in 1973 enrolled its first graduate students in its School of Public Affairs.

Over the past 25 years the University's enrollment has nearly tripled, the faculty has more than doubled, and 23 new structures have been added to Kentucky State's 475-acre campus.

The year 1986 marks the University's centennial anniversary and its having evolved over the past century into a coeducational, liberal arts institution and its coming to be a reflection of the societal and political changes that have occurred in the United States during the past 100 years.

Kentucky State is the smallest of Kentucky's public institutions with an enrollment of approximately 2,200 students and some 115 full-time instructional faculty members.

During the spring 1986 semester, the University's students and faculty fell into the following categories:

Students

57.0% full-time
43.0% part-time

82.7% residents of Kentucky
15.9% non-Kentucky residents
1.4% foreign

43.2% black
54.7% white
2.1% other

Faculty

35.1% black
59.7% white
5.2% other

These figures show how substantially racially balanced Kentucky State is today. Since its founding just over a century ago as a small college for training black teachers for the black schools of Kentucky, the University has grown to serve the needs of all students without regard to color, age, sex, national origin, or economic status.

Kentucky State today has 31 campus structures to serve

its University family, 10 of which are used for instructional purposes. Several dozen courses are taught each school year in off-campus classes throughout Franklin and surrounding counties. The University's student-faculty ratio (approximately 13:1) is the lowest among public institutions of higher education in Kentucky.

Today's students have the opportunity to receive associate (two-year) degrees in 10 disciplines, bachelor (four-year) degrees in 28 disciplines, and the master of public affairs degree. Students may also elect to prepare for professional schools through arrangements that the University has with the University of Kentucky, University of Louisville, University of Maryland-College Park, Northern Kentucky University, Auburn University, Tuskegee University, Southern College of Optometry (Memphis), University of Houston, and the University of Alabama-Birmingham.

THE UNIQUENESS OF KENTUCKY STATE UNIVERSITY

Kentucky State University began in 1886 as a normal school, one whose mission was to train classroom teachers. Over the years its mission and its academic emphasis changed many times. Teacher training, agricultural and vocational training, industrial training, liberal arts education and others are a part of the institution's past. By the mid-1970s Kentucky State had become a small comprehensive university.

Seeking to develop a unique role, an unduplicated mission, and a special niche for Kentucky State among Kentucky's public institutions of higher learning, in 1982 a new mission for Kentucky State was jointly developed by the University and the Kentucky Council on Higher Education.

Kentucky State University's mission is to be the unique, small, liberal studies institution in the state system. The institution is to excel as a small university with the lowest undergraduate student-faculty ratio among the state's public institutions, deliver a liberal studies curriculum, meet the educational needs of area students through a community college program, serve the needs of state government employees, and develop an interinstitutional graduate center.

Since July 1, 1982, Kentucky State has made remarkable progress in achieving its new mission.

In fall term 1983, newly developed Liberal Studies Requirements were implemented. The purpose of these courses is to provide a coherently structured educational foundation for every student seeking a baccalaureate degree from the University. At the heart of the Liberal Studies Requirements curriculum is an innovative sequence of courses that address fundamental issues in the fine arts, literature, history, philosophy, the social

sciences and the history of scientific inquiry. These courses, called Integrative Studies, are taught by the seminar method: Small groups of students meet to discuss and analyze problems that cut across the conventional departmentalized categories of the modern university. Students are expected to take an active part in these seminars. Additional departmental courses in art, music, composition, and world civilization provide students with a solid background in the traditional humanities. Also included in the Liberal Studies Requirements are courses in speech, mathematics, and foreign languages. Finally, students are required to undertake discipline work in the areas of the behavioral and social sciences, the natural sciences, and in health and safety education or physical activity courses. In keeping with its new educational mission, *Kentucky State has the most comprehensive program of general education requirements of any of the Commonwealth's public institutions of higher learning.*

One of the most exciting, immediate, and far-reaching changes in the University in recent years was the establishment of the Whitney M. Young, Jr. College of Leadership Studies. The College and its unique program, begun in fall term 1983, are modeled after the distinctive program of "Great Books" at St. John's College in Annapolis, Maryland and Sante Fe, New Mexico. The Whitney Young College program has brought unique intellectual stature to Kentucky State. Details of this program may be found elsewhere in this Catalogue.

To better serve the educational needs of the increasingly better-prepared students who have come to the University, Kentucky State's Board of Regents in 1983 approved a policy that makes unqualified admission into the University's baccalaureate degree programs more restrictive than in the past. For each successive year beginning with the 1984-85 academic year and continuing through the 1987-88 academic year, admission standards have been and will be steadily raised.

A further development has in recent years attracted additional numbers of students who are serious about education. Beginning with the 1985 graduating class, three percent of the openings in Kentucky's publicly-supported law, dental, and medical schools have been made available to Kentucky State graduates who are Kentucky residents. Under the agreement between the University and the other institutions, Kentucky State graduates have a singular opportunity to pursue professional education.

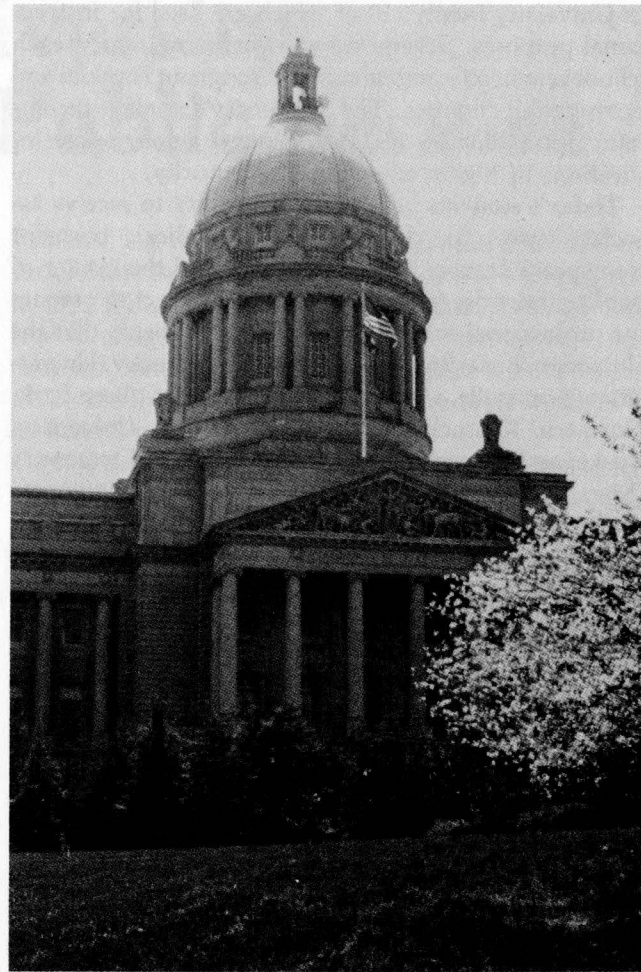
Kentucky State's new educational mission, though centered on degree programs that emphasize liberal studies, also places considerable importance on the University's public service commitments. Three developments in particular highlight this continued role. In 1982 the governor of the Commonwealth, through an executive order, moved all state government training capabilities to the University under the auspices of the Governmental Ser-

vices Center at Kentucky State University. Hundreds of state government employees are being drawn annually to the University's campus to attend workshops and seminars.

At the same time the Governmental Services Center arrived at Kentucky State, a state government intern and cooperative education program was implemented for the University's students. Participating students gain first-hand experience in government administration while earning from 3 to 12 hours of academic credit. A supplementary internship program, in which prelaw majors gain experience and earn academic credits as interns in the Office of the State Attorney General, was begun in early 1986.

A third development was the establishment in fall term 1982 of an Interinstitutional Graduate Center in cooperation with the University of Kentucky, the University of Louisville, and Eastern Kentucky University. Under this cooperative agreement, those three institutions offer graduate courses and programs on the Kentucky State campus. Since its inception, hundreds of students have enrolled in courses offered through the Graduate Center. In addition, the Kentucky State School of Public Affairs offers a Master of Public Affairs degree program to students, many of whom are state government employees interested in public administration careers.

With these developments, the makings of an increasingly vital educational community may be seen. Excellence is slowly earned. At Kentucky State, the commitment to excellence is readily evident. In 1986, the University celebrated completion of its first 100 years of public service. Even now, the University is moving forward toward the beginning of its second century of academic excellence as Kentucky's unique liberal studies-oriented public institution of higher learning.



Liberal Studies and the University

Kentucky State University is the Commonwealth's designated public liberal studies institution. But what are the liberal studies? What makes an institution a liberal studies institution?

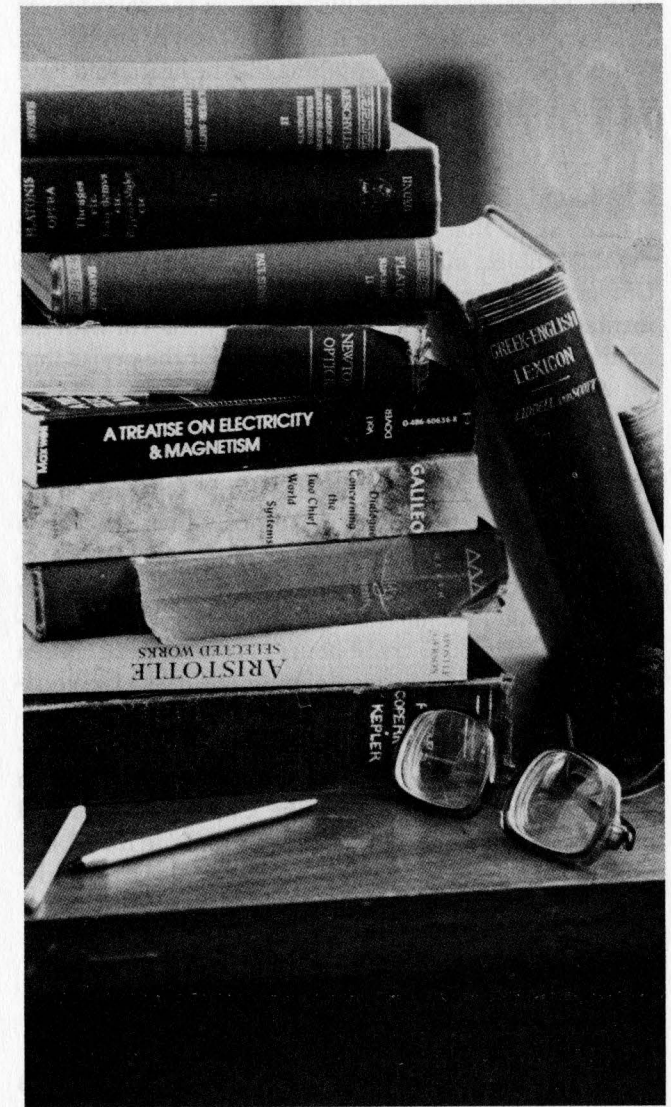
Liberal studies embrace the traditional subjects of the arts and sciences. These studies include, but are not limited to, the study of mathematics and poetry, history and the social sciences, literature and languages, the fine arts and philosophy, and the study of the natural world, its structures and creatures.

Subject matter alone, however, does not exhaust the meaning of liberal studies, nor the meaning of a liberal education. A liberal studies education and preparation for a career or a profession are obviously not mutually exclusive. Whether one is a pre-engineering or an English major, a premed or prelaw student, a computer enthusiast or someone committed to a career in teacher education or business management, Kentucky State best serves those who, regardless of their long-range goals, seek to think for themselves. Such students are those who wish to think clearly, to argue persuasively, to write with clarity and liveliness, to gain both a cultural and historical perspective on the human experience, and to gain knowledge in some depth in at least one area of human thought. Liberal studies spark curiosity and broaden vision. Liberal education provides the tools by which men and women come to understand the world, each other, and themselves.

Liberal studies, in short, are studies that lead toward independence of mind. More critical than the development of specialized skills, the development of independent thought is the enduring basis for personal growth. Lacking the ability to confront new problems with clarity of thought and resourcefulness, the possession of specific skills, however important they may rightly be, is insufficient. Job skills change with the fashions and shifting requirements of the day. The ability to think for oneself remains the governing resource of truly educated persons.

In a 1983 speech at Kentucky State, Edwin Delattre, president of St. John's College, spoke of the power of liberal education:

Minds can be shackled by laws against education, by parental indifference, by propaganda, by distinction, and in a thousand other ways. Worst of all, people can enslave, enshackle, victimize their own minds, without any help from anyone else. It happens all the time, and you can see the marks, the wounds and scars, of these shackles every day, everywhere, if you know what to look for.



It is often very hard, though, to see or feel these shackles inside oneself.

Liberal education — liberating education — is the kind which ferrets out these shackles, seeks to open them where they exist, and prevent them where they do not.

Education of this sort must be earned; it comes with persistence and effort. Ultimately, liberal studies require the courage to follow a question, persistently and resourcefully, wherever it might lead. At Kentucky State, education is the daily pursuit of intellectual and moral maturity by its students.

The Academic Program

Kentucky State University serves many ends and many needs, but the true test of an institution's quality is whether its graduates have learned to think for themselves. St. Augustine paid his education the compliment of saying that as a result of it he could read anything that was written, understand anything that he heard said, and say anything he thought. There can be no higher praise.

Every baccalaureate degree program at the University has been designed to provide students with the breadth of a sound liberal studies education and the more specialized skills that derive from disciplined study of individual subject matters. Together, it is believed that the University's Liberal Studies Requirements and Departmental Requirements will provide every student with the kind of education that can earn for itself the praise that St. Augustine paid his own education.

UNIVERSITY REQUIREMENTS

Every student entering Kentucky State who intends to earn a baccalaureate degree must satisfy the University's Liberal Studies Requirements. In addition to the requirements of the student's major field of study, these Liberal Studies Requirements constitute a carefully designed program of 53 credit hours of courses to be chosen from the various departmental offerings of the University. An important feature of these requirements is the sequence of Integrative Studies courses. Details of the Integrative Studies program may be found in the section of this Catalogue describing the College of Arts and Sciences. A number of electives are included in the Liberal Studies program, and students are encouraged to consider carefully the alternatives available to them.

LIBERAL STUDIES REQUIREMENTS

I. Languages and Reasoning

ENG 101 — English Composition and Rhetoric I	3
ENG 102 — English Composition and Rhetoric II	3
SPE 103 — Interpersonal Communication	3
MAT 110 — Intermediate Algebra or above	3
*Foreign Language	6
TOTAL	18

II. Fine Arts, Letters, History, and Integrative Studies

ART 130 — Introduction to Art OR	
MUS 130 — Introduction to Music	3
ENG 211 — Introduction to Literature	3
HIS 103 — Western Civilization	3

**Integrative Studies

IGS 200 — The Foundations of Western Culture	3
IGS 201 — The Convergence and Reshaping of Cultures	3
IGS 300 — The Search for New Forms of Culture	3
IGS 301 — Studies in African Cultures OR	
IGS 302 — Studies in Oriental Cultures OR	
IGS 303 — Studies in Latin American Cultures OR	
IGS 304 — The Afro-American Experience	3
TOTAL	21

*The University requires a *proficiency* level in language equal to that the student would have after taking two semesters of language at the 101 and 102 level. Students who have had language training at the high school level *may* satisfy all or part of the foreign language requirement through the Advanced Placement Program (described elsewhere in this Catalogue) or through the University Foreign Language Placement Examination (see Catalogue section, Modern Foreign Language, for more information).

**Up to 15 credit hours of Integrative Studies *may* be elected by a student or required for a major.

III. Sciences

A. Behavioral (select one):	
PSY 200 — General Psychology OR	
SOC 203 — Principles of Sociology	3
B. Social (select one):	
ECO 200 — Survey of Economics OR	
POS 101 — American Government	3
C. Natural:	
BIO 101 — Life Science (select one)	3
BIO 112 — Exploration of Modern Topics in Biology OR	
CHE 109 — Survey of General Chemistry OR	
PHY 111 — Introduction to Physics I OR	
PHS 201 — Physical Sciences I	3
TOTAL	12

IV. Health Education

(select one):	
HED 221 — Personal Health and Lifetime Fitness OR	
Physical Education activity courses	2
TOTAL	2

TOTAL CREDIT HOURS 53

Certain Liberal Studies Requirements may be fulfilled through the University's or other testing programs. For a listing of those courses and the tests through which credit may be earned, see the Catalogue section, Credit by Examination/Certification and for Life Experience.

DEPARTMENTAL REQUIREMENTS

Students intending to earn either baccalaureate or associate degrees must satisfy the specific requirements stipulated by the various academic departments. (Only baccalaureate degree students must satisfy the Liberal Studies Requirements.)

Departmental requirements vary in the number of credit hours designated for particular degree programs. Details of these requirements may be found in this Catalogue under the relevant departmental headings. Students are expected to seek the advice of both mentors and departmental advisors in determining the course of study they will follow at the University.

No student is required to declare an official major field of study before the completion of 60 credit hours. Students are encouraged to take full advantage of the University's diverse curricular offerings before declaring an official departmental major. However, once a major has been declared, students may not change their official departmental majors later than the beginning of the first semester of their senior year. At least one-half of a student's major field academic course credits must be earned at Kentucky State. Students must complete the final 32 credit hours of their academic programs at Kentucky State in order to qualify for a degree from the University.

ACADEMIC PROGRESS AND GRADUATION

To earn a degree from Kentucky State, students must satisfy both departmental and University course requirements. In addition, they must maintain good academic standing as defined in the University's Academic Policies and Regulations. These policies and regulations are set forth elsewhere in this Catalogue, and students are expected to abide by them.

Students required to take remedial coursework in reading, composition, or mathematics should not expect to complete their baccalaureate degree requirements within the traditional period of four undergraduate academic years. Intersession and/or summer session course work and possibly an additional academic semester's course work may be required in such cases. Every student is encouraged to work closely with his/her mentor or departmental advisor.

PREPROFESSIONAL PROGRAMS

Kentucky State offers preparatory programs for students wishing to enter the fields of medicine, dentistry, law, engineering, optometry, veterinary medicine, community health, cytotechnology, medical technology, nuclear medicine technology, and physical therapy. These programs are housed in various divisions of the College of Arts and Sciences.

In addition to preparing students for entrance into the professional schools of their choice, Kentucky residents attending Kentucky State University and meeting certain requirements will be eligible for three percent of the openings at Kentucky's publicly-supported law, medical and dental schools. Students interested in any of the above professional areas should contact the University's preprofessional program advisors through the College of Arts and Sciences.

ACADEMIC HONORS

The University encourages high standards of academic excellence and acknowledges students' academic achievement. An Academic Honor Roll and Dean's List are published at the end of each academic semester. Students enrolled for 12 or more credit hours and whose grade point average is 3.2 or higher will be included on the Dean's List.

Part-time students are given special recognition for academic achievement. Students enrolled for 6 to 11 credit hours and whose grade-point average is 3.2 or higher will be on the Academic Honor Roll.

Graduation honors are also awarded. Students who maintain a cumulative grade-point average of at least 3.2 are awarded the baccalaureate degree *Cum Laude*. Students who maintain a cumulative grade-point average of at least 3.5 and who have received no grades of "D" or "F" are awarded the baccalaureate degree *Magna Cum Laude*. Finally, students who maintain a cumulative grade-point average of at least 3.8 and who have received no grades of "D" or "F" are awarded the baccalaureate degree *Summa Cum Laude*. Graduation honors are awarded only to those students who have earned at least 64 credit hours at Kentucky State.

The degree of Bachelor of Arts or Bachelor of Science with Departmental Honors will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a cumulative grade-point average of not less than 3.0 and a departmental grade-point average of not less than 3.3. In computing departmental grade-point averages, all courses taken in a department will be counted. To be considered for departmental honors, two years of residence work at

Kentucky State are required, with at least half of the major courses taken in residence.

COOPERATIVE EDUCATION PROGRAM

Cooperative education at Kentucky State University is an academic program incorporating alternating periods of full-time employment and classroom study.

This educational process is a joint or cooperative effort on the part of the faculty, which instructs the student; the employer, who furnishes opportunities for practical applications of the student's classwork; and the Cooperative Education director, who provides counsel, task coordination, and a liaison between the student and employer.

Cooperative education helps the student bridge the gap between the classroom and the workplace, and it allows the student to observe and participate in practical applications of what has been learned. Cooperative education enables students to be more valuable contributors upon returning to the classroom; they gain self-confidence and become more involved in the educational process. Full-time employment is of significant financial benefit to the student and is valuable in adding to the student's credentials for employment. Upon graduation, the co-op student may have a decided edge in competing for desired professional positions.

The Cooperative Education Program is offered to all students after the completion of one full academic year of coursework (24 credit hour minimum). Participating students are expected to be in good standing with the University and have a cumulative grade-point average of 2.0 or higher. The Cooperative Education Program seeks to meet the needs of students in all academic disciplines offered at Kentucky State.

The University is committed to the belief that supervised work experience is worth college credit; therefore, upon successful completion of each semester of work experience, credit hours are awarded.

It is recommended that each student take the time to visit the Cooperative Education Office and talk with the director.

FOREIGN STUDY

Kentucky State offers opportunities for foreign study to qualified students. Students may take advantage of programs allowing them to pursue their major at some of the world's most prestigious universities. The University, as a member of the Cooperative Center for Study in Britain, offers summer term, junior year abroad, and December-January interim programs at Kings College of the University of London. Opportunities for study may also be available in several other foreign locations, in-

cluding Italy, Mexico, Puerto Rico, South America and Scandinavia.

Students must have a 3.0 cumulative grade-point average in order to qualify and must fulfill the foreign language portion of the University's Liberal Studies Requirements. With the aid of an advisor, the student will design a program of study that will then be reviewed for approval by the Office of Academic Affairs. Additional information may be obtained from the Office of Academic Affairs.

THE UNIVERSITY LIBRARY

Learning to organize and carry out independent research is an integral part of a university education. Kentucky State University provides comprehensive and current research facilities for faculty and students. Three research units comprise the University's library service: Blazer Library, the Music Library, and the Materials and Instructional Media Center.

Blazer Library, located at the northeast end of the campus adjacent to Jackson Hall, houses over a quarter of a million volumes and hundreds of serialized periodicals and journals. Resources held in Blazer Library also include microfiche and microfilm, disc and audio tape recordings, pictures, and software/computer programs. The library also houses the special collection of Afro-American history and culture. The library is fully staffed by librarians and support personnel to provide services and resources for students and the entire University community.

The Music Library, located in Bradford Hall, contains books, scores, records, recording and listening equipment, and other resource materials relevant to the study of music.

The Materials and Instructional Media Center, located in Hathaway Hall, houses a range of instructional materials used by the Education Department and other University programs. Materials include films, filmstrips, video tapes, multimedia materials, audio-visual equipment, state-adopted textbooks, and curriculum guides.

In addition to the resources of the University library service, Kentucky State's students have available as resources the holdings of the Kentucky Historical Society Library, which has over 50,000 volumes as well as maps and photographs dealing with Kentucky history and genealogy, and the State Library of the Kentucky Department for Libraries and Archives. Both libraries are located in Frankfort, close to the Kentucky State campus. The State Library has over 125,000 volumes, some 45,000 U.S. government documents, and hundreds of serialized periodicals and journals. The Archives hold hundreds of thousands of state government documents and court records for reference use.

Academic Advisement: The Mentor System

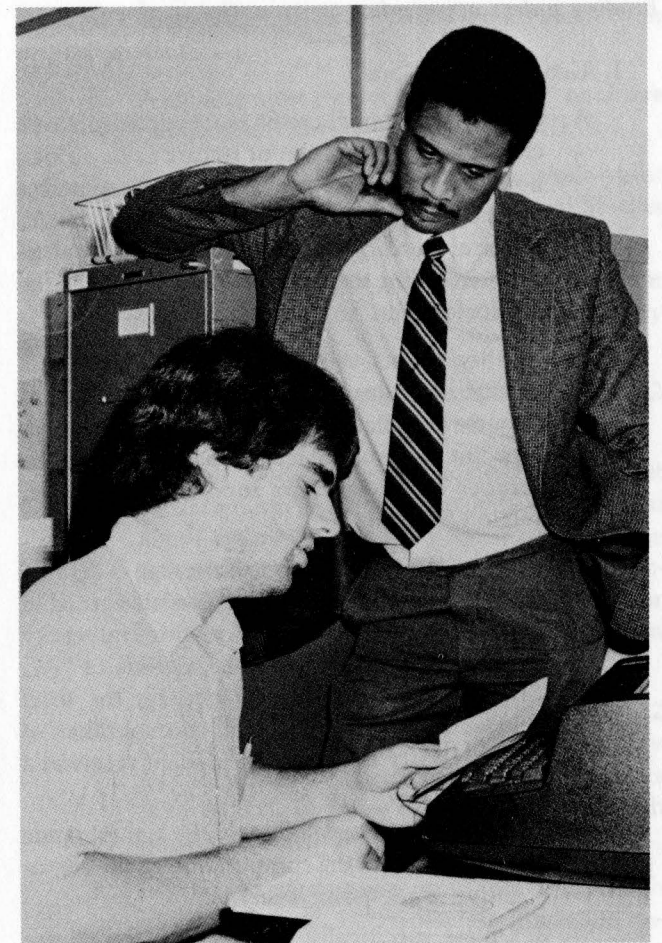
To know the road ahead, ask those coming back.

Chinese Proverb

There's more than enough advice to be had at Kentucky State University. The problem is to know when to seek it, where to get it, and how to weigh it. The University provides a variety of academic advising and personal counseling services to students. While every effort is made to assure that each student receives the personal attention required and deserved, Kentucky State expects students to take the initiative in seeking out assistance from the University's faculty and staff.

As a liberal studies institution, Kentucky State offers its students much more than narrowly-focused training. Experience shows that programs of undergraduate study that require students to achieve mastery of principles and problems across a broad range of subject-matter disciplines is the best preparation for later life and employment. Accordingly, the process of academic advisement at Kentucky State is centered on the identification of each student's needs on an individual basis. Throughout, faculty advisors seek to correct deficiencies; support high standards of academic performance; and provide, persistently and resourcefully, the support that students may require in order to make responsible choices about their careers at the University and beyond.

Academic advising at Kentucky State begins with the Mentor Program. Every entering freshman who intends to pursue requirements for a baccalaureate degree is assigned to a mentor. Mentors are faculty members and, in some instances, staff personnel who have exhibited continuing commitment to the importance of providing students with personal attention in the planning and pursuit of their academic objectives. Mentors are selected from every educational unit in the University. Mentors are prepared to advise students not only regarding departmental requirements, but are prepared to provide students with information and advice about the University's Liberal Studies Requirements and University life. Mentors are typically responsible for a group of approximately a dozen entering students representative of the curricular, racial, and geographic diversity of the University's student body. From their first day at Kentucky State, students are encouraged to take an active part in their own learning. Interaction with mentors and participation in mentor groups is a good beginning.



According to University rules, no student is required to declare a major field of study before the completion of 60 credit hours of academic work. Newly entering students are particularly encouraged to examine seriously their academic and career expectations. Once a student officially declares a major field of study, an advisor is selected or assigned from within the appropriate academic department. The departmental advisor serves as a useful source of information regarding such matters as major field requirements, research opportunities within the field, and possible graduate study or other career or employment opportunities for which the student may be eligible.

Academic Regulations and Policies

The following policies apply to all students entering Kentucky State University for the first time beginning with the academic year 1984-85, and shall be deemed binding unless appropriate prior notice is given.

I. General Definitions

- A. A (semester hour) credit hour represents one clock hour of recitation or lecture or two clock hours of laboratory per week for one semester for most courses; some courses in art, music, physical education, and other areas are calculated according to accreditation standards in the particular area.
- B. Quality points are the assigned points of a specific letter grade. The total quality points of a course are calculated by multiplying the quality point value of the letter grade earned by the number of credit hours for the course. (See, Section VII.)
- C. The cumulative grade-point average is defined as the total number of quality points earned in all courses taken at Kentucky State University in which the student received a grade of "A", "B", "C", "D", or "F" divided by the total number of credit hours in all courses taken at the University in which the student received a grade of "A", "B", "C", "D", or "F."
 1. If a course is repeated, only the highest grade will be used in the computation of the cumulative grade-point average.
 2. Unless specifically described in the course description as a repeatable course, credit may be earned only once for courses that are repeated.
 3. All grades earned at Kentucky State University will remain on the student's transcripts and in the student's permanent records.
- D. The current grade-point average is defined as the total number of quality points earned in all courses in which the student received a grade of "A", "B", "C", "D", or "F" during the last semester of enrollment divided by the total number of credit hours in all courses in which the student received a grade of "A", "B", "C",

"D", or "F" during the last semester of enrollment.

II. Definitions of Majors, Minors and Areas of Specialization

These definitions are to be considered University norms for the evaluation and approval of baccalaureate degree programs and the components of such programs. The definitions and the limitations that accompany them are based upon the University's policy of emphasizing breadth of study in the basic disciplines with emphasis on the humanities in fulfillment of Kentucky State's liberal studies role and mission. Substance and content will be maximized in each course subject to the minimum acceptable for University credit. Departures from these norms must be justified by the nature of the program and must have the recommendation of the Faculty Senate and the approval of the Board of Regents.

Baccalaureate Degree Programs. A baccalaureate degree program is a planned and approved program of study leading to graduation with a baccalaureate degree. It should be possible to complete any baccalaureate degree program in eight semesters of normal full-time study. The minimum credit-hour requirement shall be 128 and no program should require more than 144 credit hours. A student may elect to exceed this maximum in meeting personal education objectives.

Every baccalaureate degree program shall include the Liberal Studies Requirements of the University (unless specific courses have been officially substituted or waived) and a major. Minors, areas of specialization, and pre-major, prerequisite, and support courses may be required. Individual students may elect to take a minor or a second major to meet personal education objectives. Every degree program shall include the provision for a minimum of 6 credit hours of free electives. A minimum of 45 credit hours in upper-division courses is required for graduation.

The Major. A major consists of a planned sequence of courses, usually within a single discipline; however, a major may consist of a planned group of

courses from more than one discipline. The minimum credit-hour requirement for a major shall be 30 and the maximum shall be 48. A minimum of 18 credit hours in the major must be upper-division courses.

The Minor. A minor consists of a planned sequence of courses, usually in a discipline related to the major. The minor shall consist of a minimum of 18 credit hours and shall not exceed 21 credit hours. A minimum of 12 credit hours in the minor shall be above the freshman level.

The Area of Specialization. Some major programs consist of a core program of study within the academic unit plus required additional study in one or more areas of specialization chosen from options within or related to the discipline. The area of specialization shall consist of a minimum of 12 credit hours and a maximum of 18 credit hours beyond the core, with a minimum of 12 of these being in upper-division courses.

Pre-major, Prerequisite and Support Courses. A degree program may identify and require courses as are justified for proper completion of the major. Courses may be from within the discipline (pre-major or prerequisite) or from other disciplines (prerequisite or support). Such credits thus required are not included in the limitations stated previously but are included in the minimum of 128 credit hours and maximum of 144 credit hours for a baccalaureate degree.

Liberal Studies Requirements. The Liberal Studies Requirements are described elsewhere in this Catalogue. These courses, whether unique requirements or optional requirements, may also serve as pre-major, prerequisite or support courses but may not be included in requirements for a major, a minor, or an area of specialization.

Free Electives. Free electives may be chosen by the student from any courses not required in the particular degree program and excluding developmental, remedial and nondegree credit courses.

The limitations in these definitions may be modified to meet accreditation, licensing, and/or certification requirements.

III. Academic Requirements for Graduation

- A. A student must receive a grade of "C" or above in ENG 101 (English Composition and Rhetoric I), ENG 102 (English Composition and Rhetoric II), and MAT 110 (Intermediate Algebra). (See Section XII.G.3.)

- B. A student must receive a grade of "C" or above in all courses in the major area and the area of specialization. (See Section XII.E.1.)
- C. A student must receive a grade of "C" or above in all courses in the minor area. (See Section XII.E.2.)
- D. A student must receive a grade of "P" or "C" or above in all developmental studies, college preparatory, and remedial courses and in all courses numbered at the 100 level. (See Section XII.G.2.)
- E. A student must receive a grade of "D" or above in all other courses. (See Section XII.G.4.)
- F. A student must have a cumulative grade-point average of 2.0 or above in the Liberal Studies Requirements.
- G. A student must have a cumulative grade-point average of 2.0 or above in all University courses.
- H. A student may not graduate with more than 12 credit hours of "D".
- I. All courses in which the student does not meet the minimum grade requirements as described above must be successfully repeated within the maximum number of repeats allowed. (See Section XII.E. on Removal from Major, Minor or Area of Specialization and Section XII.G. on Dismissal from the University.)
- J. When a student has accumulated more than 12 credit hours of "D", he/she must successfully repeat (within the maximum number of repeats allowed) one or more of the courses in which he/she received a "D".
- K. A student must repeat any course in which he/she received an inadequate grade (as described in Section III.A-E) during the next semester in which the student is enrolled and in which the course is offered.
- L. All entering students must complete the Comprehensive Test of Basic Skills when they enroll at Kentucky State. Students must take the test again when they have earned between 45 and 59 credit hours of academic work.
- M. A senior examination, including an assessment of written communication skills, must be successfully completed.
- N. A student's official ACT scores must be included in his/her permanent record in the Office of Records, Registration and Admissions.

- O. A minimum of 64 credit hours is required for the awarding of an associate degree.
- P. A minimum of 128 credit hours is required for the awarding of a bachelor's degree.
- Q. A minimum of 36 graduate credit hours is required for the awarding of a master's degree.
- R. See Section II for additional requirements for baccalaureate degree-seeking students.

IV. Academic Load

- A. The normal semester load for undergraduate students is 16 credit hours.
- B. An undergraduate student must carry a minimum of 12 credit hours to be considered a full-time student, and a graduate student must carry 9 graduate-level credit hours to be considered a full-time student.
- C. In order for an undergraduate student to pursue 19 or more credit hours per semester, one of the following conditions must be met:
 1. The 19 or more credit hours are required in the curriculum;
 2. The student's previous semester grade-point average is 3.0 or above; or
 3. The student will be a candidate for graduation at the end of the academic year in which he/she carries 19 or more credit hours.
- D. A student may pursue a maximum number of 21 semester hours during fall or spring semester.
- E. A student may pursue a maximum number of 8 credit hours during the summer session and a maximum of 4 credit hours during the intersession.

V. Classification of Students

Students shall be classified as indicated below upon successful completion of the specified number of credit hours, provided that all entrance requirements have been met.

1. Freshman — 0-29 credit hours
2. Sophomore — 30-59 credit hours
3. Junior — 60-89 credit hours
4. Senior — 90 credit hours or more

VI. Course Numbering System

This system is to be used to ensure consistency in the numbering of courses and should be used by advisors and mentors as well as students when mak-

ing out class schedules.

001-099-nondegree credit course; sometimes used for noncredit course

100-199—designed for freshman students but may be taken by more advanced students; does not carry graduate credit

200-299—designed for sophomore students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit

300-399—designed for junior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit

400-499—designed for senior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor

500-599—open to senior and graduate students; seniors must have permission of instructor; seniors are limited to a maximum of 6 hours of 500-level courses; graduate programs may limit number of credits at 500 level

600-699—open to graduate students only; should be used for seminar and independent study

700-799—open to graduate students only; thesis and research (professional projects)

VII. Grading System

- A. The following system of symbols will be used in grading students:
 1. A — excellent; four quality points per credit hour
 2. B — good; three quality points per credit hour
 3. C — average; two quality points per credit hour
 4. D — poor; one quality point per credit hour
 5. F — failure; no quality points, no credit
 6. P — pass; not included in grade-point average (pass-fail courses only)
 7. I — incomplete; not included in grade-point average
 8. W — withdrawal, which can only be entered for students who withdraw prior to the end of the fifth full week of classes during a semester, the second full week of classes during a summer session, or the first

full week of classes during an intersession; not included in grade-point average

9. WP — withdrawal, doing passing work; not included in grade-point average

10. WF — withdrawal, doing failing work; not included in grade-point average

11. AU — audit; not included in grade-point average.

B. Pass-Fail

1. A grade of "P" or "F" will be given in all pass-fail courses.

2. A student may not take courses in the major, area of specialization, or minor on a pass-fail basis.

3. A student may not take ENG 101 (English Composition and Rhetoric I), ENG 102 (English Composition and Rhetoric II), or MAT 110 (Intermediate Algebra) on a pass-fail basis.

4. A student may take no more than 12 credit hours on a pass-fail basis.

5. Regulations VII.B.2 and VII.B.4 do not apply to cooperative education or internship courses.

6. The grading option of pass-fail must be selected no later than the end of late registration and must be indicated on either the student's registration or add/drop form.

C. Audit

The grading option of audit must be selected no later than the end of late registration and must be indicated on either the student's registration or add/drop form.

D. Incomplete

1. A grade of "I" is to be assigned only when a minor part of a course requirement has not been completed; i.e., the final exam, one major exam, completion of a term paper or class project or part of the requirements of a laboratory.

2. A grade of "I" may not be assigned as a substitute for "D" or "F."

3. An incomplete earned in any given term (semester, intersession, or summer session) must be removed by the end of the eighth week of classes during the next regular academic semester; otherwise, the grade of "I" will be automatically changed to a grade of "F."

4. When a grade of "I" is assigned, a detailed description of the work to be completed must be provided by the instructor to the assistant vice president for academic affairs (student advisement), dean, chairperson, student's designated advisor or mentor, and student.

5. If an "I" is received in a graduate-level course requiring a professional project or thesis, the incomplete must be removed within one calendar year after the completion of the term in which the "I" was assigned; otherwise, the grade of "I" will be automatically changed to a grade of "F," and no further extensions shall be granted.

E. Withdrawal From A Course

1. If a student withdraws from a course before the end of the fifth full week of classes during a semester, a grade of "W" will appear on the student's transcript.

2. If a student withdraws from a course after the end of the fifth full week of classes during a semester, but before the twelfth calendar day after midterm week, he/she will receive a grade of "WP" or "WF" in that course.

3. If a student withdraws from a course before one-third of the instructional days have elapsed during an intersession, summer session, or short course, a grade of "W" will appear on the student's transcript.

4. If a student withdraws from a course after one-third of the instructional days have elapsed during an intersession, summer session, or short course but before two-thirds of the instructional days have elapsed, a grade of "WP" or "WF" will appear on the student's transcript.

5. A student may withdraw from a class after the last date for withdrawal during a term as stated in the University's Academic Calendar only through a special appeal to the Academic Policies Committee of the Faculty Senate.

6. A student who fails to follow proper University withdrawal procedures will receive an "F" in that course. (See Section X.)

F. Appealing a Course Grade

1. If a student or instructor has exhausted all proper appeals up to, but not including, the Vice President for Academic Affairs,

he/she may appeal a course grade only through the Academic Policies Committee of the Faculty Senate.

2. Appeal must be made in writing no later than the third full week of classes during the next regular academic semester.
3. The student and the instructor may be requested to meet with the Academic Policies Committee of the Faculty Senate.

VIII. Withdrawal From the University

- A. A student who has preregistered but *not completed* registration (i.e. paid fees or made arrangements for the payment of fees) may cancel his/her registration by notifying the Office of Records, Registration and Admissions in writing prior to the end of late registration of his/her intention not to enroll.
- B. In order to withdraw from the University after completion of registration (i.e. dropping all courses for a given semester/session), a student must do the following:
 1. Obtain the necessary form from the designated office. (See Section VIII.C.)
 2. Complete the form and obtain the necessary signatures.
 3. Return the completed form to the office from which it was obtained.
- C. Withdrawal forms may be obtained and must be returned as follows:

(Fall/Spring)	Full-time undergraduate students	Counseling and Placement Office
(Fall/Spring)	Part-time undergraduate students	Community College
(Summer/Intersession)	All undergraduate students	Community College
(All Semesters and Sessions)	All graduate students	Graduate Center
- D. If a student withdraws from the University before the end of the fifth full week of classes during a semester, a grade of "W" will appear on the student's transcript for all courses pursued that semester.
- E. If a student withdraws from the University after the end of the fifth full week of classes during

a semester, but before the twelfth calendar day after midterm week, a grade of "WP" or "WF" will appear in the student's transcript for all courses pursued that semester.

- F. If a student withdraws from the University before one-third of the instructional days have elapsed during an intersession, summer session, or short course, a grade of "W" will appear on the student's transcript for all courses pursued that session.
- G. If a student withdraws from the University after one-third of the instructional days have elapsed during an intersession, summer session or short course but before two-thirds of the instructional days have elapsed, a grade of "WP" or "WF" will appear on the student's transcript for all courses pursued that session.
- H. A student may withdraw from the University after the last date for withdrawal during a term as stated in the University's Academic Calendar only through a special appeal to the Academic Policies Committee of the Faculty Senate.
- I. Under extenuating circumstances a student may appeal the withdrawal date through the Academic Policies Committee of the Faculty Senate. (See Section XIII.)

IX. Registration

- A. A degree-seeking student **MUST** consult with his/her designated departmental advisor or mentor prior to the time of preregistration or registration to receive official approval for his/her plan of study during each academic semester and session.
- B. The Director of Records, Registration and Admissions sets the time of registration for all students and informs them of the times they are to register.
- C. Students are expected to register at the appointed time.
- D. Students may not register for credit after the deadline set for completion of late registration.
- E. A late registration fee is charged to students who do not register at the appointed time.
- F. Late registration will end one calendar week after the last day of registration.

X. Changes in Registration

(Adding a course, dropping a course, changes in section, changes in grading options)

- A. All changes in registration must be approved by the Director of Records, Registration and Admissions, the designated faculty advisor or mentor, and the instructors involved. (Withdrawals and drops need not be approved by the instructor.)
- B. All students who are not properly registered for a course will not receive credit for that course.
- C. A processing fee is charged beginning the first day of classes of a semester/session for any change in registration with the exception of those caused by University cancellation of courses or other University-initiated adjustments to course schedules.
- D. See Section VII.E for regulations on withdrawal from a course.
- E. The chairperson and/or dean will inform the Vice President for Academic Affairs, the Director of Records, Registration and Admissions, and the instructors of all course cancellations not later than two working days after the end of late registration.
- F. When a course is cancelled, any student enrolled in that course may change his/her final registration in order to replace the cancelled course. Such adjustment must be completed no later than Saturday of the second full week of classes during an academic semester or two working days after the cancellation of the course during intersession or no later than Saturday of the first full week of classes during a summer session.

XI. Class Attendance

- A. The number of unexcused absences per semester may not exceed the number of class meetings during one full week of class. The number of unexcused absences per intersession or summer session may not exceed one for intersession and two for summer session.
- B. A student may receive an excused absence for the following reasons only:
 1. the student's illness;
 2. serious illness or death in the student's immediate family;
 3. court appearance;

4. patriotic duty (participation by a student in a University-sponsored activity and/or an activity whereby the student represents the University off campus and is required to be absent from class(es)); and
5. field trips or other academic class-sponsored activities by the University that require the student to be absent from class(es).

- C. Faculty members will be informed by the Vice President for Student Affairs BEFORE the student's absence from classes because of patriotic duty, field trips or other academic class-sponsored activities by the University that require absence from class(es).
- D. For any excused absence to be valid, an excuse must be received by the instructor no later than three days after the student returns to class.
- E. In addition to the excuse from the Vice President for Student Affairs, the instructor may require documented proof of the reason for the absence.
- F. For any excused absence to be valid, all make-up assignments must be completed (after the student returns to class) within a time period determined by the instructor and the student.
- G. The number of excused absences may not exceed the number of class meetings during two full weeks of class during a semester, the number of class meetings during one full week of classes during the summer session, and three class meetings during intersession.
- H. Any class absences incurred while students are rendering patriotic duty or are on academic class-planned activities or other University-sponsored academic class activities are to be excluded from the provisions of Section XI.G.
- I. For each absence (excused or unexcused) over the maximum number allowed, the instructor may lower the course grade one full grade level.
- J. Regulations on class tardiness are determined by the instructor of the course.
- K. Individual academic units may adopt more stringent class attendance policies.
- L. If an individual academic unit adopts more stringent attendance policies, those policies must appear in a conspicuous location in the course syllabus and must be announced to the class on the first day it meets.

XII. Academic Standing

- A. In order to remain in good academic standing, a student must have a cumulative grade-point average of:

1. 1.6 or above at the end of the first semester of the freshman year;
2. 1.8 or above at the end of the second semester of the freshman year;
3. 2.0 or above at the end of each semester after the second semester of the freshman year.

B. Probation

1. Except for first- and second-semester freshmen, a student is placed on probation if at the end of any semester his/her cumulative grade-point average falls below 2.0.
2. A first-semester freshman is placed on probation if at the end of the first semester his/her cumulative grade-point average falls below 1.6.
3. A second-semester freshman is placed on probation if at the end of the second semester his/her cumulative grade-point average falls below 1.8.
4. Any student (except a second-semester freshman) whose cumulative grade-point average remains below 2.0 but whose current grade-point average is above 2.0 may re-enroll the next term (intersession, summer session or semester) but will remain on probation.
5. Any second-semester freshman whose cumulative grade-point average at the end of the second semester is below 1.8 but whose current grade-point average is 1.8 or above may re-enroll the next term (intersession, summer session or semester) but will remain on probation.
6. Freshmen and sophomores on probation are limited to a maximum course load of 15 credit hours during the semester of probation, 3 credit hours during intersession, and 6 credit hours during the summer session.
7. A student on probation may not participate in any University extracurricular activity unless the activity is required by the student's major or minor curriculum.

C. Suspension

1. Any student (except a second-semester

freshman) who is on probation and has a current grade-point average below 2.0 is placed on suspension.

2. Any second-semester freshman who is on probation and has a current grade-point average below 1.8 is placed on suspension.
3. If a student is suspended at the end of the fall semester, he/she shall not re-enroll until the following intersession.
4. If a student is suspended at the end of the spring semester, he/she shall not re-enroll until the next spring semester.
5. If a student is suspended at the end of the intersession or the summer session, he/she shall not re-enroll until the following spring semester.
6. A student who re-enrolls after suspension is placed on probation.
7. No student is permitted to transfer credits earned at another institution during a time of suspension for poor scholarship.

D. Appeal of Suspension

1. A student may appeal his/her suspension if correction of an error in records or a changed grade would allow him/her to meet the minimum standards described above.
2. Any student with a cumulative grade-point average of 1.7 or above may appeal his/her academic suspension.
3. A student with a cumulative grade-point average of less than 1.7 may also appeal his/her academic suspension. However, the appeal will be heard only if documented circumstances can be shown to have interfered with normal academic progress and if that situation is corrected.
4. See Section XIII for Appeals Procedures and Deadlines.

E. Removal from Major, Minor, or Area of Specialization

1. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in all courses in a major area and area of specialization or he/she is permanently removed from the major and area of specialization. (See Section III.B.)
2. A student must receive a grade of "C" or above in three or fewer attempts (first at-

tempt plus up to two repeats) in all courses in a minor area or he/she is permanently removed from the minor. (See Section III.C.)

F. Appeal of Removal from Major, Minor or Area of Specialization

1. A student may appeal his/her removal from a major, area of specialization, or minor if correction of an error in records or a changed grade would allow him/her to meet the minimum standards. (See Section XII.E.)
2. A student may appeal removal from a major, area of specialization, or minor and request a fourth attempt in such a course (See XII.E.1 and 2) if his/her cumulative grade-point average is 2.0 or above and his/her cumulative grade-point average in the major, area of specialization, or minor is 2.5 or above.
3. A student may not appeal removal from a major, area of specialization, or minor if his/her academic records do not meet the qualifications in regulations XII.F.1. and 2.
4. If a student has unsuccessfully appealed removal from a major, area of specialization, or minor and if the student has a cumulative grade-point average of 2.0 or above, he/she must be allowed to major in or pursue some other discipline at Kentucky State University.
5. See Section XIII for Appeals Procedures and Deadlines.

G. Dismissal From the University

1. A student who has been suspended twice and is on probation and whose current grade-point average falls below 2.0 is dismissed from the University.
2. A student must receive a grade of "P" or "C" or above in any developmental studies, college preparatory, remedial, and 100-level course in three or fewer attempts (first attempt plus up to two repeats) or he/she is dismissed from the University. (See Section III.D.)
3. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in ENG 101, ENG 102, and MAT 110, or he/she is dismissed from the University. (See Section III.A.)

4. A student must receive a grade of "D" or above in three or fewer attempts (first attempt plus up to two repeats) in all other courses or he/she is dismissed from the University. (See Section III.E. and H.)

H. Appeal of Dismissal from the University

1. A student may appeal his/her dismissal under regulation XII.G.1 if correction of an error in records or a changed grade would allow him/her to meet the minimum standards. These are the only reasons for appeal of dismissal under regulation XII.G.1.
2. A student may appeal his/her dismissal under regulations XII.G.2, XII.G.3, and XII.G.4 if correction of an error in records or a changed grade would allow him/her to meet the minimum standards.
3. A student may appeal his/her dismissal under regulations XII.G.2, XII.G.3, and XII.G.4 and request a fourth attempt in a course if his/her cumulative grade-point average is 2.25 or above.
4. After four years a dismissed student may appeal in writing to the Academic Policies Committee of the Faculty Senate for readmission to the University.
5. If readmission is granted, the student will be placed on probation.
6. A student who has been readmitted after dismissal and becomes liable for suspension at any time will not be suspended, but will be permanently dismissed from the University without appeal.
7. See Section XIII for Appeal Procedures and Deadlines.

XIII. Appeal Procedures and Deadlines

- A. A student may appeal to the Academic Policies Committee of the Faculty Senate only once following each notification of academic standing.

B. Guidelines for appeal procedures:

1. All appeals must be written by the student.
2. The student must clearly describe the factors that caused the academic problem and must describe his/her plan for assuring normal academic progress. Both the student and his/her mentor or advisor must sign the student's letter of appeal. In addition, the mentor or advisor may submit a separate statement.

3. All communication must include the following information:
 - a. Full name and social security number;
 - b. Home and campus addresses and local phone number; and
 - c. Current major and mentor or advisor.
- C. Deadlines for appeal of academic standing
 1. All appeals of academic standing must be made before the last day to add/drop classes for the semester for which the student is placed on probation, suspension, or dismissal.
 2. A student who does not appeal suspension or dismissal before the last day to add/drop classes for the semester will have his/her registration cancelled immediately.
- D. Deadlines for appeal for late withdrawal from classes or from the University:
 1. An appeal to withdraw late from a class or from the University must be made on or before the last regular class day before final examinations.
 2. No appeals will be accepted during or after a final examination period unless the student shows evidence that he/she could not physically get to the campus to appeal before the appeals deadline.
- E. Frequency of meetings for appeals
 1. The Academic Policies Committee shall meet the last regular class day of the semes-

ter to consider late class withdrawal or late withdrawal from the University.

2. The Academic Policies Committee shall meet the day before the beginning of registration for a term (i.e., fall semester, spring semester, intersession, summer session) and the day before the last day to add/drop to consider appeals of academic suspension or dismissal.
3. The Academic Policies Committee shall meet on other occasions only if the appeal load is heavy, if new evidence is brought forth which affects an appeal already acted upon, and/or if there is any other special circumstance in which the welfare of the student is at stake.

XIV. Reading, Writing and Mathematics Clinics

Any faculty member (in whose course a student is enrolled), counselor or academic administrator may require a student to attend the reading, writing or mathematics clinic as a part of a course requirement.

The preceding policies apply to all students entering Kentucky State University for the first time beginning with the Academic Year 1984-85 and shall be deemed binding unless appropriate prior notice is given.



Admission to the University

ADMISSION REQUIREMENTS — FRESHMAN STUDENTS (no previous college/university enrollment)

All Freshman Applicants — General requirements

1. Pre-College Curriculum — Effective fall semester, 1987, to receive unqualified admission all new freshmen are required to have completed 20 high school units, including the following, or present evidence of requisite competence in each:

English	— 4 units
Mathematics	— 3 units (including algebra and geometry)
Science	— 2 units (including biology or chemistry or physics)
Social Studies	— 2 units (including world civilization and United States history)
2. High School Graduation — Graduation from a high school that is accredited by a recognized state and regional accrediting association.
3. ACT — The American College Test is required of all freshman applicants prior to enrollment. Information concerning ACT registration deadlines, testing dates and sites may be obtained from high school guidance offices. This information may also be obtained by writing directly to the ACT Registration Department, Box 414, Iowa City, Iowa 52243. If Kentucky State University is not listed on the ACT answer sheet to receive score reports, the student should write ACT and request that scores be mailed directly to Kentucky State. Other entrance exams, such as the Scholastic Aptitude Test (SAT), cannot be substituted for the ACT. ACT scores more than five years old are not acceptable, and applicants must retake the exam and have scores submitted to Kentucky State to satisfy admission requirements.
4. Placement Tests — All students admitted to the freshman class must take placement tests in mathematics, reading, English, and foreign languages. These tests will be given during the scheduled orientation sessions. No student will be permitted to register until these tests have been taken.

Kentucky-resident Freshman Applicants — Specific requirements for unqualified admission

In addition to the general requirements noted above for all applicants, Kentucky residents must meet at least one of the following requirements in order to be granted unqualified admission, that is, meet the standards of admission into the regular University program:

1986-87 Academic Year

1. Rank in the upper half of high school graduating class; or
2. Have a composite score of 15 or higher on the American College Test (ACT); or
3. Have earned at least a 2.75 grade-point average (on a 4.0 scale) for all high school work.

1987-88 Academic Year

1. Rank in the upper half of high school graduating class; or
2. Have a composite score of 16 or higher on the American College Test (ACT); or
3. Have earned at least a 2.75 grade-point average (on a 4.0 scale) for all high school work.

Kentucky-resident Freshman Applicants — Specific requirements for qualified admission

Kentucky residents who do not meet the requirements for unqualified admission noted above or who have earned a high school equivalency certificate will be granted "qualified" admission to Kentucky State's Community College. Students granted qualified admission are normally required to enroll in courses designed to improve their basic skills.

Students granted "qualified" admission to the Community College will be permitted to transfer to four-year programs in the University's other colleges and schools after they have met one of the following:

1. Earned 30 or more credit hours in regular baccalaureate courses with a grade-point average of 2.5 or higher; or
2. Earned 60 or more credit hours in regular baccalaureate courses with a minimum grade-point average of 2.0.

Nonresident Freshman Applicants — Specific requirements

In addition to the general requirements for all ap-

plicants, nonresidents must meet at least one of the following requirements:

1. Rank in the upper half of high school graduating class; or
2. Score at the 50th percentile or above for all students taking the American College Test (ACT) nationally; or
3. Demonstrate through other acceptable measures the ability to pursue the college academic program without substantial remedial aid.

ADMISSION REQUIREMENTS — TRANSFER STUDENTS (previous college/university enrollment)

To be eligible for admission to Kentucky State University as a transfer student, an applicant must qualify for re-admittance to the institution(s) he/she has previously attended. Students on suspension or expelled from another institution are not eligible for admission, unless documented evidence is presented showing he/she qualifies for re-admittance to the institution from which he/she is suspended.

A transfer student with fewer than 30 transferable credit hours must also satisfy the applicable freshman admission requirements.

Additional information of value to transfer students is in the Transfer of Credits section of this Catalogue.

ADMISSION REQUIREMENTS — WHITNEY M. YOUNG, JR. COLLEGE OF LEADERSHIP STUDIES STUDENTS

Students applying for admission to Whitney Young College should have a strong academic background in high school and a strong interest in learning. Transfer students will also be considered, but they must start matriculation at the beginning of the Whitney Young program. Junior- and senior-level students may enroll in Whitney Young junior- and senior-level courses with permission of the instructor.

Applicants should submit the following to The Dean, Whitney Young College, Kentucky State University, Frankfort, Kentucky 40601:

1. A high school transcript with ACT scores, plus transcripts of any college work completed.
2. The names of two persons who will send letters of recommendation. At least one of the two should be a high school teacher or administrator. Letters of recommendation should be sent directly to The Dean, Whitney Young College, Kentucky State University, Frankfort, Kentucky 40601.

3. A letter from the applicant describing reasons for wishing to attend Whitney Young College and outlining plans and hopes for the future.

NOTE: All Whitney Young College applicants must be admitted to the University through the normal admission procedures (see following) and meet applicable admission requirements. See Admission Requirements—Freshman Students, above, or Admission Requirements—Transfer Students, above.

ADMISSION REQUIREMENTS — NURSING STUDENTS

All Nursing Program applicants must be admitted to the University through the normal admission procedures (see below). Also, see above Admission Requirements — Freshman Students or Admission Requirements — Transfer Students and the Nursing Department section of this Catalogue for additional requirements.

ADMISSION REQUIREMENTS — GRADUATE STUDENTS

See The Graduate Center/The School of Public Affairs section of this Catalogue for admission criteria and requirements.

ADMISSION PROCEDURES FOR DEGREE-SEEKING STUDENTS

Students planning to enter Kentucky State as degree-seeking students may obtain application materials by writing or visiting the Admissions Office. In addition to an application, students should forward admission credentials at the earliest possible date, including:

ACT Scores — Required of freshman applicants and transfer applicants with fewer than 30 transferable credit hours

High School Transcripts — Required of freshman applicants and transfer applicants with fewer than 30 transferable credit hours. Transcript(s) must include a minimum of six completed semesters.

College Transcripts — Required of all transfer applicants

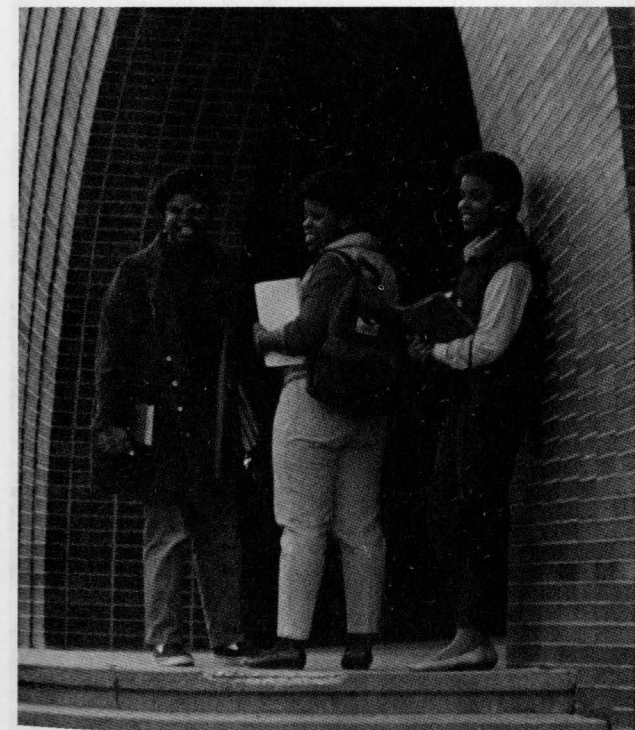
When admission credentials and an application are received, each applicant is notified by Kentucky State of his/her application status. Conditional admission may be granted based on receipt of ACT scores or transcripts. In order to complete the admission process and to pre-

vent possible delays or difficulties in registration and enrollment, all credentials should be forwarded no later than one month before the beginning of the term in which the applicant plans to enroll.

At the time of admission, students are sent the University's Medical Record Form and Immunization Certificate. The Medical Record Form must be completed for all new students and returned to the University's Student Health Center before registration and enrollment. The Immunization Certificate must be completed for all new students who were born after December 31, 1956 and who take classes on the University campus. The certificate must be returned to the University's Student Health Center before registration and enrollment. Failure to submit either document will result in the placement of a *MEDICAL HOLD* (see the following section, Health Examinations and Immunizations) on all registration materials until such time as both requirements have been satisfied.

ADMISSION PROCEDURES FOR NONDEGREE STUDENTS

Persons 21 years old and older who are residents of Kentucky may enroll as nondegree students. Such students must apply for admission and meet the entrance requirements if at some later time they decide to work toward a degree. Credits earned before being admitted to the University may not be applied toward a degree unless appropriate approval is granted. Contact the University's Office of Records, Registration and Admissions for application materials.



ADMISSION PROCEDURES FOR EARLY ADMISSION PROGRAM STUDENTS

(High school students
who have not yet graduated)

Many students attending high school are endowed with exceptional ability and academic interest. These qualities result in their making exceptional academic progress in high school. Such students, it has been proven, can attend college before graduating from high school and do well. There are students near Kentucky State who have the ability and the desire to follow such a course at the University. The Early Admission Program should be of benefit to such students.

Students will be admitted to the Early Admission Program upon recommendation of their high school principal or counselor. Contact the Kentucky State Office of Admissions for complete details.

ADMISSION PROCEDURES FOR SENIOR CITIZENS

Kentucky residents 65 years of age or older who are admitted (see Admission Procedures for Nondegree Students) to Kentucky State University shall have all registration and tuition fees waived. However, Kentucky State may limit admission of such students if classes are filled or if their admission necessitates additional classes.

INTERVIEWS AND CAMPUS VISITS

The Office of Admissions conducts campus tours and admission interviews by appointment each weekday from 8:30 a.m. until 4 p.m. Individuals requesting tours and/or interviews at other times should contact the Admission Office regarding special arrangements.

HEALTH EXAMINATIONS AND IMMUNIZATIONS

All freshmen and all transfer students must file health records with the Student Health Center showing that the required physical examination has been completed prior to registration. Proper forms will be furnished by Kentucky State University, together with other necessary admission materials. These forms must be completed and signed by the applicant's physician and returned to the Student Health Center.

All new students who were born after December 31, 1956 and who intend to take classes on the University campus are also required to present an immunization certificate signed and documented by his/her family physician or local health department. The proper form will be

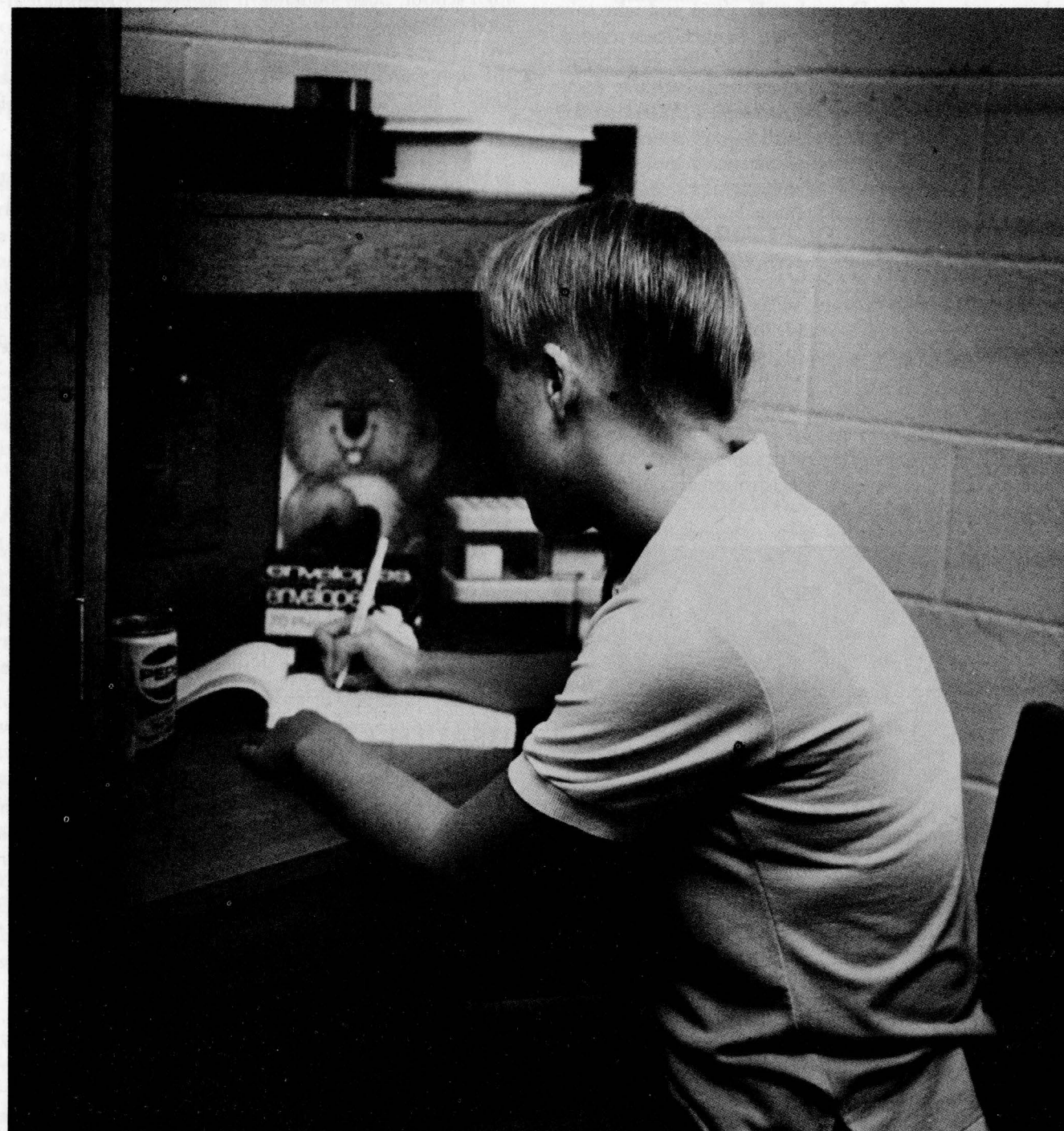
furnished by Kentucky State University.

Failure to submit either document will result in the placement of a *MEDICAL HOLD* on all registration materials until such time as both requirements have been satisfied.

RE-ENROLLING AT THE UNIVERSITY

Students who have previously attended Kentucky State and wish to resume enrollment after not attending for one

or more full semesters (fall or spring) must contact the Office of Records, Registration and Admissions to initiate the re-enrollment process. To prevent delays or difficulties in registration or enrollment, requests for re-enrollment materials should be received by the Office of Records, Registration and Admissions no later than one month before the beginning of the semester of intended enrollment. Students returning after an absence of more than one year will be assessed a \$25.00 re-enrollment fee.



Transfer of Credits

POLICIES

Transcript evaluations will be carried out in accordance with guidelines published by the American Association of Collegiate Registrars and Admissions Officers.

All credits earned with a grade of "C" or higher from a regionally accredited institution of higher education will be accepted for transfer. The transcript evaluation will determine the applicability of these credits to degree requirements of Kentucky State. Credits that do not fulfill degree requirements will be accepted as free electives if a grade of "C" or higher was earned.

Credits from nonaccredited institutions will be evaluated in the same manner as above except that final acceptance of such credits will not be given until the student has completed one semester of full-time study with a grade-point average of 2.0 or higher on all work attempted.

A maximum of 64 credit hours may be accepted from accredited junior colleges. After the University has accepted a total of 64 credit hours from a junior college or combination of junior and senior colleges, no subsequent credit earned at a junior college will be accepted.

Kentucky State will not give upper-division credit for courses completed at junior colleges and community colleges without validation that the courses are equivalent to upper-division University courses.

PROCEDURES

Responsibility for the evaluation of transcripts for transfer credit rests with the Office of Records, Registration and Admissions.

A transfer applicant is responsible for ensuring that all transcripts of previous college work are sent to the Office of Records, Registration and Admissions. The admission decision cannot be made until all transcripts of previous college work, except for any college work currently in progress, are received.

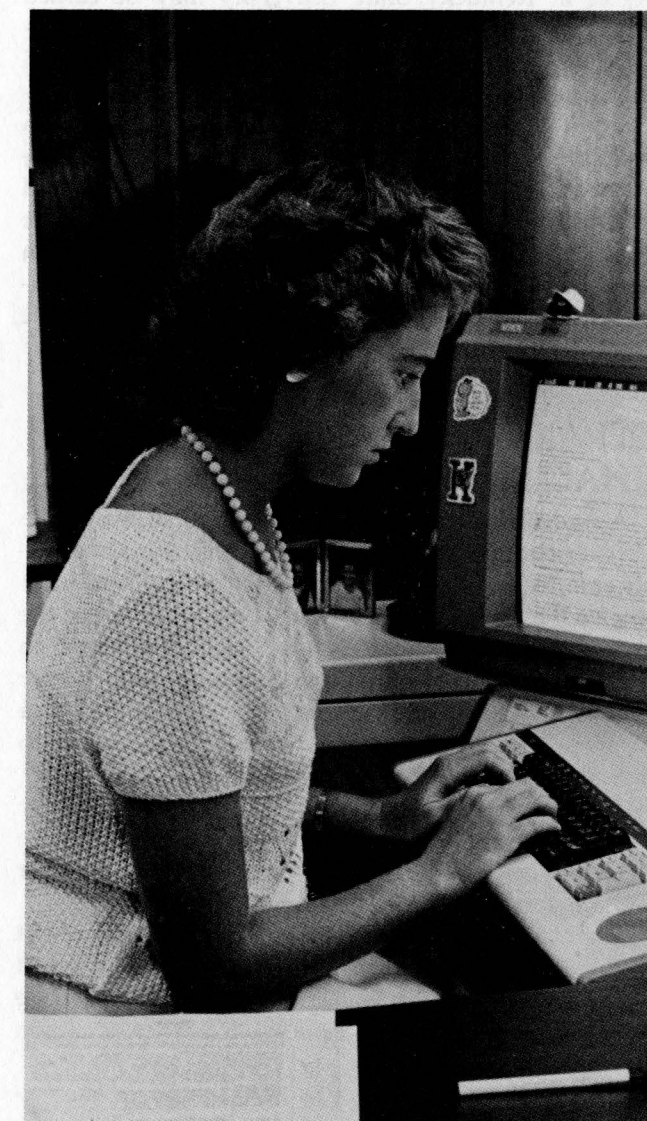
Transferred credit from another institution accepted by the University will be placed on a student's Kentucky State record following completion of the student's first semester at the University.

Transfer students will not have a University cumulative grade-point average until they have completed one semester of coursework at Kentucky State. Quality points will be awarded only for work completed at Kentucky State University.

Upon completion of the evaluation of a transfer applicant's transcript(s), the Office of Records, Registration and Admissions will inform the applicant in writing as

to the transferability of previously completed work and the applicability of these credits to degree requirements at Kentucky State.

For students with an undeclared major, applicability of University-accepted credits to specific degree requirements will occur as part of the declaration-of-major process.



Credit by Examination/ Certification and for Life Experience

Up to one-half the number of credit hours required for completion of a baccalaureate degree or an associate degree at Kentucky State University may be earned through credit by examination/certification or for life experience. Credit by examination may be earned through Departmental Challenge Examinations and by satisfactory performance on College Level Examination Program tests and the Advanced Placement Program examinations. Satisfactory performance on the latter two shall be the score, or higher, established by the appropriate dean, and credit, but no letter grade, shall be entered on the student's record by the Office of Records, Registration and Admissions. Credit for life experience may be granted through the University's Community College.

DEPARTMENTAL CHALLENGE EXAMINATIONS

A student intending to challenge a course must complete registration for the course, including payment of applicable fees, during the registration period and must receive the approval of his/her advisor/mentor and the chairperson of the department/division through which the course is offered. The chairperson may approve or deny the request if it is decided that the student has not furnished evidence that he/she is reasonably prepared to take the examination.

The exam must be taken before the beginning of the third week of classes. The exam will be comprehensive in nature and will have been approved by the dean or chairperson as an acceptable exam.

A passing grade on the exam is the sole determinant of the "pass" grade. No grade is assigned if the student fails the exam. Challenge examination grades will be reported on official class grade sheets at the conclusion of the semester.

If the student fails the exam, then the student must attend the class as a regular student or the student may choose to withdraw. If the student chooses to withdraw from the class, then the University's existing withdrawal rules apply. A student may not take a challenge exam for classes previously failed.

A student may challenge a course only one time, and

no challenge examination will be administered for courses for which College Level Examination Program (CLEP) exams are available.

COURSES IN WHICH CHALLENGE EXAMINATIONS ARE GIVEN

Number	Course	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BIO 220	Medical Terminology	2
CHE 109	Survey of General Chemistry	4
COS 101	Fundamentals of Microcomputer Programming — BASIC	3
COS 110	Computer Programming I — FORTRAN	3
COS 230	COBOL I	3
ECO 311	Business Statistics I	3
EDU 294	Introduction to Teaching*	2
ENG 102	English Composition and Rhetoric II	3
HED 221	Personal Health and Lifetime Fitness	2
IET 101	Engineering Drafting I	3
IET 117	Basic Wood Technology	3
IET 118	Machine Woodwork	3
IET 124	Basic Electricity	3
IET 244	Materials Science and Testing	3
MAT 103	Foundations of Mathematics I	3
MAT 104	Foundations of Mathematics II	3
MAT 110	Intermediate Algebra	3
MAT 120	Precalculus	4
MAT 201	Calculus and Analytic Geometry I	5
OAD 100	Elementary Keyboarding	1-2
OAD 103	Keyboarding I	3
OAD 121	Introduction to Business	3
OAD 211	Elementary Stenography	3
OAD 212	Advanced Stenography	3
PUA 170	Public Sector Management	3
PUA 191	Organization Theory and Society	3
PUA 212	Survey of Public Personnel Functions	3
PUA 214	Governmental Finance and Budgeting	3

*Examinee MUST document the field component of this course in order to receive credit.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement Program (AP) is offered in participating high schools across the country. High school students should consult with their guidance counselor or principal regarding AP courses available in their school, how to register for them, and AP testing schedules and fees.

Currently, Kentucky State gives credit for 12 of the AP

Number	Course	Hours	AP Exam	Minimum Score
ART 201, 202	Art History Survey I and II	6	History of Art	3
BIO 101	Life Science	3	General Biology	3
BIO 111	Principles of Biology	3	General Biology	4
CHE 101	General Chemistry I	4	General Chemistry	3
ENG 101	English Composition and Rhetoric I	3	English Language	3
ENG 101, 102	English Composition and Rhetoric I and II	6	English Language	4
FRE 101	Elementary French I	3	French Language	3
FRE 101, 102	Elementary French I and II	6	French Language	4
GER 101	Elementary German I	3	German Language	3
GER 101, 102	Elementary German I and II	6	German Language	4
HIS 201	United States History to 1865	3	American History	3
HIS 201, 202	United States History to 1865 and since 1865	6	American History	4
MAT 201	Calculus and Analytic Geometry I	5	Calculus AB	3
MAT 201, 202	Calculus and Analytic Geometry I and II	10	Calculus BC	3
PHY 111	Introduction to Physics I	3	Physics B	3
PHY 211	General Physics I	4	Physics C	3
SPA 101	Elementary Spanish I	3	Spanish Language	3
SPA 101, 102	Elementary Spanish I and II	6	Spanish Language	4

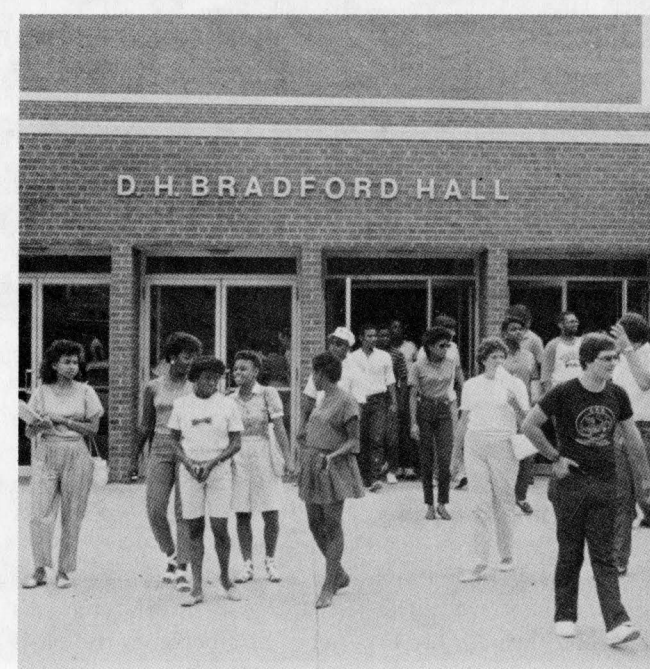
COLLEGE LEVEL EXAMINATION PROGRAM

The College Level Examination Program (CLEP) has a series of standardized examinations recognized by many colleges and universities. Successful completion of those examinations enables students to receive credit for courses for which they have gained commensurate knowledge through reading, observation, and other experiences. Currently, Kentucky State University gives credit for 17 of its courses through CLEP examinations. (Some exams provide credit for two courses and others are acceptable for a choice of courses, depending on the examinee's preference or score.)

The CLEP tests are given at Kentucky State once each semester. Students should take the appropriate CLEP exam the semester *before* the one in which they would otherwise take the corresponding Kentucky State course so that if unsuccessful on the exam they can register for the course for the next semester. Registration for CLEP exams should be done with the University Testing Ser-

exams. (Some exams provide credit for two courses or at two different levels in a particular subject area at the University.) Code #1368 should be used by the examinee to have Kentucky State University designated as an AP examination score recipient.

Following are the University courses for which Advanced Placement Program credit is given, plus the appropriate AP examination for each and minimum scores required to receive University credit:



vice within the first two weeks of the semester in which they will be taken.

For most of the CLEP exams, Kentucky State uses as the minimum passing score on the objective portions the "mean C" recommended by the Commission on Educational Credit of the American Council on Education. In those instances where the notation "Essay/C" follows the objective score, it signifies that the essay portion of the CLEP exam must also be passed with a minimum grade

of "C." The essay is graded by appropriate University faculty members.

For more information, including the current fees, contact the Kentucky State University Testing Service.

The University courses for which College Level Examination Program credit is given, plus the appropriate CLEP examination for each and minimum scores required to receive University credit are the following:

University Courses		Credit	CLEP Exam Score	Minimum
	Hours			
BIO 101	Life Science	3	General Biology	50, Essay/C
BIO 111	Principles of Biology	4	General Biology	60, Essay/C
CHE 101	General Chemistry I	4	General Chemistry	47, Essay/C
COS 100	Introduction to Electronic Data Processing	3	Computers and Data Processing	47, Essay/C
ECO 211	Principles of Economics I	3	Introductory Micro and Macroeconomics	47
EDU 221	Human Growth-Life Span Development	3	Human Growth and Development	45
EDU 301	Educational Psychology	3	Educational Psychology	46
ENG 101	English Composition and Rhetoric I	3	College Composition	47
HIS 101	World Civilization I	3	Western Civilization I: Ancient Near East to 1648	46, Essay/C
HIS 102	World Civilization II	3	Western Civilization II: 1648 to the Present	47, Essay/C
HIS 201	United States History to 1865	3	American History I: Early Colonizations to 1877	45, Essay/C
HIS 202	United States History since 1865	3	American History II: 1865 to the Present	45, Essay/C
MGT 323	Principles of Management	3	Introduction to Management	47, Essay/C
MKT 351	Principles of Marketing	3	Introductory Marketing	48, Essay/C
POS 101	American Government	3	American Government	47, Essay/C
PSY 200	General Psychology	3	General Psychology	47, Essay/C
SOC 205	Introduction to Sociology	3	Introductory Sociology	47, Essay/C

CREDIT FOR LIFE EXPERIENCE

"Credit for Life Experience" is a Kentucky State University option for earning credit that is available to adult students with significant learning generated by life experience. To earn University credit through this option a student: 1) must be a baccalaureate degree-seeking student or an associate degree-seeking student and have completed both ENG 101 (English Composition and Rhetoric I), and MAT 110 (Intermediate Algebra), or their equivalents at other institutions; 2) must have significant life experience that is related to coursework offered by the University; and 3) must receive instructor's permission to enroll in and must successfully complete requirements for CLE 299 (Portfolio Development).

The successful completion of CLE 299 results in the development of a portfolio that documents the student's learning through life experience and becomes the basis

for the formal request for the granting of credit. The interested student is advised that academic credit through assessment is granted only for cognate courses taught by the University's faculty as part of the degree programs of Kentucky State. Credit is not available for any course that state or accrediting agency policy does not allow to be granted by assessment.

The portfolio can be assessed only after the student has been billed for and has paid a nonrefundable fee equal to one-third the prevailing per-credit tuition rate for the sum of all credits requested through the portfolio.

A maximum of 17 credit hours may be earned toward an associate degree and 32 credit hours toward a baccalaureate degree under the Credit for Life Experience option. A student who intends first to complete an associate degree and then work toward a baccalaureate degree may "bank" credits above 17 credit hours, which would then

become applicable toward a baccalaureate degree. Payment for "banked" credits shall be made at the time the student enters a baccalaureate program of the University. The payment will amount to one-third of the then appropriate prevailing tuition rate.

A student is eligible to take CLE 299 and to complete the assessment process only once in each five-year period.

The Credit for Life Experience program is administered by the University's Community College. Inquiries about the program should be directed to the dean of the Community College.

ARMED SERVICE CERTIFICATION CREDIT

Armed service school courses taken by armed service personnel will be granted credit as recommended in the Guide to the Evaluation of Educational Experience in the Armed Services. Certificates of completion of such courses must be presented for the awarding of credit. Credit for noncollegiate courses will be awarded as recommended in The National Guide to Credit Recommendations for Noncollegiate Courses.



Student Expenses

Expenses connected with attending Kentucky State University are intentionally kept as reasonable as possible to help assure access to the University's programs. Tuition fees are established for all public higher education institutions in Kentucky by the state Council on Higher Education. During the 1986-87 academic year, the following academic year expenses apply:

Resident (in-state) students	Undergraduate
Tuition and fees*	992.00
Board	1,192.00
Room** (double occupancy)	876.00
Insurance	60.00
Total	\$3,120.00

Nonresident (out-of-state) students	Undergraduate
Tuition and fees*	2,872.00
Board	1,192.00
Room** (double occupancy)	876.00
Insurance	60.00
Total	\$5,000.00

*1987-88 In-state tuition: \$1,060
Out-of-state tuition: \$3,060

**Single occupancy: \$1,292 per annum

Additional money should be budgeted for other expenses. Books and supplies will cost an estimated \$400 per year, and personal expenses may be an estimated \$400 to \$900 a year.

Tuition for part-time undergraduate students — those carrying fewer than 12 credit hours a semester — in 1986-87 is \$39 a credit hour for Kentucky residents and \$120 a credit hour for nonresidents.

Graduate student tuition for 1986-87 is \$1,040 a year for Kentucky residents and \$3,120 a year for nonresidents. Graduate student tuition for 1987-88 is \$1,100 a year for Kentucky residents and \$3,700 a year for nonresidents. Fees, room and board charges, and insurance costs for graduate students are the same as those for undergraduates.

Tuition for part-time graduate students — those carrying fewer than 9 credit hours a semester — in 1986-87 is \$58 a credit hour for Kentucky residents and \$175 a credit hour for nonresidents.

The cost of attending the University is considerably less than that at private liberal arts institutions to whose academic programs and institutional goals the University may be best compared. Kentucky State acknowledges, however, that many students require some form of financial assistance in order to support their study at the University. Kentucky State provides a wide range of such support through a program of scholarships, grants, col-

lege work-study, and low-interest loans. Approximately 80 percent of the students currently enrolled in the University receive some form of financial assistance, based upon individual need or merit. Information about financial assistance is in the section, Financial Aid and Scholarships.

All fees are subject to change without notice.



Military Science
MLS 301, 302, 341, and 342
\$5/course

Music
Private lessons for fall and spring:
piano, voice and organ
1 half-hour lesson/week
\$30/semester
2 half-hour lessons/week
\$50/semester

Nursing
NUR 101, 102, 201 and 202
\$20/course
Annual insurance fee
\$12.50
Other/Travel Fee

Office Administration
OAD 100, 103, 104, 222, 230 and 231
\$5/course

Physics
PHY 111, 112, 207, 208, 211, 212, 311, 312, 320, 340, and 361
\$5/course

Textiles, Clothing and Merchandising
TCL 102, 221 and 222
\$5/course

All fees are subject to change without notice.

OTHER FEES

Miscellaneous Fees

Student Activity Fee	\$26/semester
Late Registration	\$15/semester
Deferred Payment Fee	\$25/semester
Auto Registration	\$10/year
Drop/Add Fees	\$5/add or drop
Student ID Card Replacement	\$10/card
Student Health Fee	\$30/semester
Graduation Fee	\$15.50 (excluding cap and gown)
Return Check Fee	\$10
Meal Card Replacement	\$10/card
Registration Reinstatement Fee	\$25/semester
Transcript Fee	\$2 (one free with degree)
Social Fee	\$5/year

Testing Fees

ACT	\$12
CLEP	\$25
GED	\$5/test, \$1/retest
GRE	\$27
National Teacher Education Examination	\$25/one core test \$35/two core tests \$46/three core tests \$33/specialty area

Students living on campus are required to pay a \$25 room reservation fee before receiving a room assignment. Upon arrival, the deposit is applied toward the student's bill. A \$25 damage deposit and a \$10 key deposit are also required.

All fees are subject to change without notice.



SCHEDULE OF FEES AND EXPENSES, 1986-87

SEMESTER COSTS FOR FULL-TIME STUDENTS

BOARDING STUDENTS			NONBOARDING STUDENTS	
In-State	Undergraduate	Graduate	Undergraduate	Graduate
Tuition	470.00	520.00	470.00	520.00
Board	596.00	596.00	.00	.00
Rent (Double)*	438.00	438.00	.00	.00
Activity Fee	26.00	26.00	26.00	26.00
Insurance	30.00	30.00	30.00	30.00
Total	\$1,560.00	\$1,610.00	\$526.00	\$576.00
Out-of-State	Undergraduate	Graduate	Undergraduate	Graduate
Tuition	1,410.00	1,560.00	1,410.00	1,560.00
Board	596.00	596.00	.00	.00
Rent (Double)*	438.00	438.00	.00	.00
Activity Fee	26.00	26.00	26.00	26.00
Insurance	30.00	30.00	30.00	30.00
Total	\$2,500.00	\$2,650.00	\$1,466.00	\$1,616.00

*Single-occupancy rent additional amount: \$208.00

CREDIT HOUR COSTS FOR PART-TIME STUDENTS

Undergraduate		Graduate	
In-State.....	\$ 39.00 per credit hour	In-State	\$ 58.00 per credit hour
Out-of-State	120.00 per credit hour	Out-of-State	175.00 per credit hour

A student enrolled for 12 or more credit hours constitutes a full-time undergraduate student. A student enrolled for 9 or more graduate-level credit hours constitutes a full-time graduate student.

All fees are subject to change without notice.

COURSE AND LABORATORY FEES

Art ART 101, 102, 104, 113, 130, 240, 245, 305, 307, 315, 317, 319, 340, 345, 405, 407, 417, 419, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 451, 452 and 453 \$5/course	Child Development and Family Relations CDF 315, 407, and 408 \$5/course
Biology BIO 101, 107, 108, 111, 204, 210, 212, 301, 302, 303, 304, 305, 307, 308, 309, 310, 403, 404, 405, 408 and 410 \$5/course	Computer Science COS 101, 103, 110, 180, 210, 212, 230, 231, 250, 280, 302, 330, 340, 350, 382, 410, 440, 480, 490 and 495 \$10/course
Business Education BUE 204, 360 and 442 \$5/course	Food and Nutrition FNU 101, 202 and 401 \$5/course
Chemistry CHE 101, 102, 201, 202, 203, 301, 307, 308, 312, 314, 315 and 316 \$10/course	Industrial Education IET 101, 102, 104, 117, 118, 124, 126, 128, 141, 142, 201, 202, 203, 208, 209, 212, 213, 225, 227, 228, 243, 244, 246, 248 and 253 \$5/course



DEFERRED FEE-PAYMENT SCHEDULES

A deferred payment fee of \$25 will be added each semester if a student does not have the entire amount to cover the cost for that semester at its beginning. In such case, the student will be required to sign a promissory note and make payment in accordance with the following schedule.

PAYMENT DUE AMOUNT OF PAYMENT DUE

Fall Semester	
By the third Friday of August	One-half of tuition, room, board and the total of other fees
By the first Friday of October	One-quarter of tuition, room and board
By the first Friday of November	The remaining balance of tuition, room and board
—For fall semester, 1986 the following dates are applicable: August 15, October 3, and November 7, 1986.	
—For fall semester, 1987 the following dates are applicable: August 21, October 2, and November 6, 1987.	

Spring Semester	
By the third Friday of January	One-half of tuition, room, board and the total of other fees
By the first Friday of March	One-quarter of tuition, room and board
By the first Friday in April	The remaining balance of tuition, room and board
—For spring semester, 1987 the following dates are applicable: January 16, March 6, and April 3, 1987.	
—For spring semester, 1988 the following dates are applicable: January 15, March 4, and April 1, 1988.	

TUITION AND FEE REFUND POLICY

Students withdrawing from the University or dropping credits that result in a change in the assessment of fees will be eligible for a refund of fees based on the dates and conditions listed below. No refund can be made on certain fees and optional fees as established by the Kentucky State University Board of Regents. The date of completion of the withdrawal/drop determines the percent of refund for which the student is eligible. A withdrawal/drop is complete when the necessary form(s) have been completed and received in the office designated as follows:

Fall/Spring Withdrawal	- Full-time students	Contact Counseling and Placement
Fall/Spring Withdrawal	- Part-time students	Contact the Community College
Intersession/Summer Withdrawal	- All students	Contact the Director of Summer Session
Dropping Classes (All Terms)	- All students	Contact the Office of Records, Registration and Admission

Tuition and Fee Refunds

For purposes of calculating refunds of fees paid, "weeks" are counted as seven-day periods beginning with the first day of classes for a semester, and "days" refers to University working days. Percentages of fees for refunds are based on the following:

Fall and Spring Semesters	
Prior to the first day of classes and during the first week of classes —	100 percent refund
During the second week of classes —	75 percent refund
Third week of classes —	50 percent refund
Fourth week of classes —	25 percent refund
After four weeks —	no refund will be made

Summer Session

Prior to close of late registration — 100 percent refund
 Two days after close of late registration — 75 percent refund
 Next four days — 50 percent refund
 Next two days — 25 percent refund
 Nine days after close of late registration — no refund will be made

Intersession

Prior to close of late registration — 100 percent refund
 One day after close of late registration — 75 percent refund
 Next two days — 50 percent refund
 Next one day — 25 percent refund
 Five days after close of late registration — no refund will be made

Room and Board Fee Refunds

No refund of room and board fees will be made or adjusted for students withdrawing for the academic year or moving out of the dormitories if not done within a 48-hour period from the official date of registration, unless approved by the Vice President for Student Affairs.

Refund Appeal Process

A committee composed of the Vice President for Business Affairs, Vice President for Student Affairs, and Vice President for Academic Affairs, or their designees, and chaired by the Vice President for Student Affairs, reviews all appeals from students or parents/guardians who feel that individual circumstances warrant exception from this policy. Requests for appeals should be sent to the Vice President for Student Affairs.

STATE POLICY REGARDING CLASSIFICATION OF STUDENTS FOR FEE ASSESSMENT PURPOSES

The following is a statewide policy affecting students at all public higher education institutions in Kentucky, including Kentucky State University. It was established by the state Council on Higher Education, Kentucky's higher education coordinating agency.

Section 1 Intent.

Under current law the Kentucky Council on Higher Education as a matter of policy establishes a higher fee or tuition for nonresident students attending public institutions than that charged Kentuckians. It is the intent

of the Council on Higher Education that the state institutions of higher education in the Commonwealth of Kentucky shall apply uniform interpretations, as described in this policy and not otherwise, in determining whether students shall be classified as residents or nonresidents for fee assessment purposes.

Section 2 Definitions.

Wherever used in this policy:

1. The word "institution" shall mean a college, university, or community college supported by appropriations made by the General Assembly of Kentucky.
2. The word "residence" or "reside" shall denote continuous presence within this State, provided that temporary absence for short periods of time shall not affect the establishment of a residence.
3. The word "domicile" shall denote a person's true, fixed, and permanent home and place of habitation. It is the place where he intends to remain and to which he expects to return when he leaves without intending to establish a new domicile elsewhere. Residence and domicile convey the same notion of permanence as principal home and are used interchangeably.
4. The term "emancipated person" shall mean a person who has attained the age of 18 years, and whose parents: (a) have entirely surrendered the right to the care, custody, and earnings of such person; (b) are no longer under any legal obligation to support or maintain such person; (c) no longer, in fact, voluntarily contribute substantial financial assistance; and (d) income is not taken into account by any private or governmental agency furnishing financial educational assistance to such person, including scholarships, loans, and other assistance. If all of the foregoing dependency tests are not met, said person shall be deemed an "unemancipated person."
5. The word "parent" shall mean a person's father or mother, or the parent having custody, or if there is a legal guardian or legal custodian of an unemancipated person, then such guardian or legal custodian; provided that such guardianship or custodianship was not created primarily for the purpose of conferring the status of resident on such unemancipated person.
6. Attendance at a college or colleges in this State shall be deemed "continuous" if the person claiming continuous attendance has been enrolled at a college(s) in this State as a full-time student, as such term is defined by the governing body of said college(s), for two consecutive regular semesters since the beginning of the period for which continuous attendance is claimed. Such person need not attend summer sessions or other such intersession in order to render his

attendance "continuous."

7. The word "his" shall apply to the female as well as to the male sex.

Section 3 Guidelines for Determination of Status.

1. The domicile of an unemancipated person is that of his parent.
2. Upon moving to this State, an emancipated person who provides persuasive evidence of domicile may apply for resident classification for his unemancipated children; and provided that said person is not himself in this State primarily as a full-time student, his unemancipated children may at once be so classified.
3. Any person who remains in this State when his parent(s), having theretofore been domiciled in this State, removes from this State, shall be entitled to classification as a resident *while in continuous attendance at the degree level in which he is currently enrolled*.
4. An unemancipated person whose parent is a member of the Armed Forces and stationed in this State pursuant to military orders shall be *classified* as a resident. The student while in continuous attendance at the degree level in which he is currently enrolled, shall not lose his resident status when his parent is thereafter transferred on military orders.
5. An emancipated person who moves to the Commonwealth within six months from the date of discharge from the military service with the stated intent of becoming a resident of the Commonwealth shall be permitted to count such time spent in the military service toward meeting the presumptions outlined in Section 4 provided the individual entered military service from the State of Kentucky or his home of record and permanent address at the time of discharge was Kentucky.

Section 4 Presumptions.

Unless the contrary appears from clear and convincing evidence, it shall be presumed that:

1. Except as provided in Section 4.2., every person remaining in this State in a nonstudent status for the twelve months immediately preceding the last day for enrollment in the institution shall be presumed to be a resident student for fee assessment purposes. No person having his domicile elsewhere than in this State shall be classified as a resident for fee assessment purposes.
2. No emancipated person shall be deemed to have gained residence while attending any educational institution (public or private) in this State as a full-time

student, as such status is defined by the governing board of such institution, in the absence of a clear demonstration that he has established domicile in the State. However, attending college in a part-time status will not prevent such person who has bona fide full-time employment in the State from establishing domicile.

3. The domicile of a married person shall be determined by the provisions of these regulations independent of the residency of the spouse.
4. A person does not gain or lose resident status for reason of his presence in any state or country while a member of the Armed Forces of the United States. However, a member of the Armed Forces of the United States stationed in Kentucky on military orders, except members of the Armed Forces specifically assigned for educational purposes to state-supported institutions of higher education, is presumed to be domiciled in the State and shall be entitled to classification as a resident while on active duty in this State pursuant to such orders. Resident status is similarly granted to his unemancipated children.
5. In the event an unemancipated person's parents should have separate domiciles, his domicile shall be that of the parent having legal custody. In the event neither parent has legal custody, his domicile shall be that of the parent furnishing him the greater financial assistance.
6. Use of Records. A student whose admissions records show him to be a graduate of an out-of-state high school and his residence to be outside of Kentucky will normally be classified as a nonresident.
7. Aliens. Aliens lawfully admitted to the United States for permanent residence under a permanent visa may establish Kentucky residence in the same manner as any other nonresident. An alien who possesses a student visa cannot be classified as a resident.

Section 5 Types of Evidence to be Considered for Establishment of Domicile.

If a person asserts that he has established domicile in Kentucky for a period of twelve (12) months immediately preceding the last date for enrollment in an institution, he has the burden of proving he has done so. The following statements pertain to the kinds of evidence that will be considered in reviewing an assertion by a person that he is domiciled in Kentucky.

1. The following facts, although not conclusive, have probative value in support of a claim for resident classification: acceptance of an offer of permanent employment in this state; former residence in the state

and the maintenance of significant connections therein while absent; or abandonment of a former domicile and establishing domicile in the state with attendance at an institution following and only an incident to such domicile.

2. The following facts are not necessarily sufficient evidence of domicile: employment by an institution as a fellow, scholar, assistant or in any position normally filled by students; a statement of intention to acquire a domicile in this State; voting or registration of voting; the lease of living quarters; payment of local and state taxes; Kentucky automobile registration; Kentucky operator's license; continued presence in Kentucky during vacation periods; marriage to a Kentucky resident; or ownership of any real property.

Section 6

Residency Classification and Appeal Procedures.

Each institution shall establish a Nonresident Fee Committee to consider changes in resident status based on the above criteria. Application for change of resident classification shall be made in writing to the Director of Admissions or to the person who has been designated as the Chairman of the Nonresident Fee Committee. The Chairman may present each case to the Committee for a final decision, and the student will be notified in writing as to the disposition of his application.

In the event of ruling by the Nonresident Fee Committee which is unsatisfactory to the student, the student may request that a copy of his file be submitted by the Director of Admissions or the person designated by his institution to the Executive Director of the Council on Higher Education for referral to the Council's Committee on Residency Review for its recommendation to the institution.

Section 7

Effective Date.

These revised guidelines become effective on July 1, 1975, and supersede all previous policies of the Council relating to classification of students for fee assessment purposes.



Financial Aid and Scholarships

APPLYING FOR FINANCIAL AID

Fall and Spring Semesters

Administration of financial assistance is the responsibility of the Kentucky State University's Office of Student Financial Aid. Students and parents are urged to read the following information with particular care. Established University policies will be strictly adhered to in both the award and termination of University financial assistance. Important federal guidelines must also be followed.

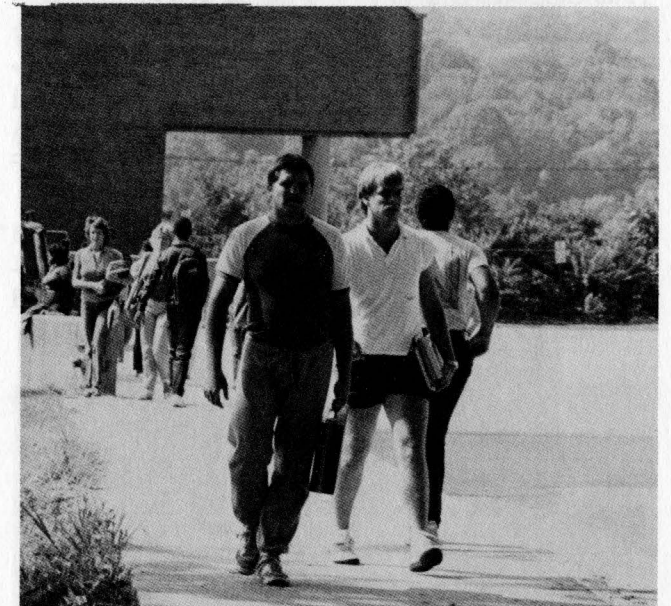
New Freshmen and Transfer Students

Four specific steps must be followed before a freshman or transfer student may be officially considered for financial assistance:

1. The prospective student must submit official application materials for admission to the Office of Admissions.
2. Every applicant for financial assistance must complete a Financial Aid Form (FAF). This form, together with instructions for its completion, may be obtained either from a high school counselor or directly from the University's Office of Student Financial Aid. *The FAF should be completed and mailed to the College Scholarship Service as early as possible in January or February, but no later than March 1.* The College Scholarship Service Code Number for Kentucky State University is 1368.
3. Every applicant for financial assistance from the University must apply for a Pell Grant. Application information will be sent automatically to the Pell Grant Processor if the student checks "Yes" to the question on the FAF which asks: "Do you give CSS permission to send information from this FAF to the U.S. Department of Education?"
4. Every applicant must supply verification of income by submitting copies of both the parents' and student's federal income tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the Financial Aid Office.

Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University.

Transfer students are responsible for ensuring that a Financial Aid Transcript is forwarded to Kentucky State University from each college or university previously attended.



Continuing Students

Three specific steps must be followed before a student already in attendance at the University may be officially considered for financial aid (either its initial award or its continuation):

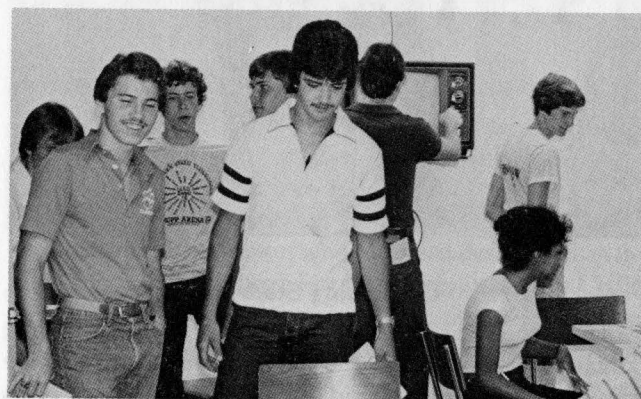
1. Every applicant must complete a new Financial Aid Form (FAF) *each year. This form should be completed and returned to the College Scholarship Service in early January or February, but no later than March 1.* This form, together with instructions for its completion, may be obtained from the University's Office of Student Financial Aid.
2. Every applicant for financial assistance from the University must apply for a Pell Grant. Application information will be sent automatically to the Pell Grant Processor if the student checks "Yes" to the question on the FAF which asks: "Do you give CSS permission to send information from the FAF to the U. S. Department of Education?"
3. Every applicant must supply verification of income by submitting copies of both the parents' and student's federal tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the Financial Aid Office.

Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University.

Intersessions and the Summer Sessions

Students applying for financial aid for an intersession and/or a summer session must submit two forms, the Financial Aid Form (FAF) and the University's Application for Financial Aid. The following conditions apply:

1. If an FAF has been submitted for the immediately preceding academic year, a new FAF is not required in order to apply for financial aid for an intersession and/or a summer session. Otherwise, a new FAF must be submitted before April 15.
2. A separate Institutional Application for Financial Aid must be submitted by every applicant seeking financial assistance before April 30 for an intersession and before May 30 for a summer session.



TYPES OF FINANCIAL AID

State Student Incentive Grant (SSIG)

Students who are Kentucky residents may apply for a grant from the Commonwealth of Kentucky. They must complete a Kentucky Financial Aid Form (KFAF), which is available from the Kentucky Higher Education Assistance Authority or the Kentucky State University Financial Aid Office. To receive this grant, the student must answer the KHEAA State Grant questions on the KFAF and pay the appropriate fee.

Pell Grant Program

The Pell Grant Program is the largest federal student aid program available to undergraduate students. It provides gift assistance to eligible students and is the "foundation" of financial aid packaging. Student eligibility is based on financial need, which is determined by a formula developed by the U.S. Office of Education and reviewed annually by Congress. The Pell Grant Processor will send directly to the student a three-part Student Aid Report (SAR). This SAR should be submitted to the Financial Aid Office immediately upon receipt. The Financial Aid Office will calculate the amount of a student's Pell Grant award based upon information contained on the SAR.

Supplemental Educational Opportunity Grants

The Supplemental Educational Opportunity Grant is a form of gift assistance supplemental to the Pell Grant. SEOG provides grant assistance to make available the benefits of postsecondary education to qualified students who demonstrate financial need. Applicants must complete the FAF to determine eligibility for this grant.

The National Direct Student Loan Program (NDSL)

Kentucky State University provides loan assistance to eligible students who have established financial need. These loans carry an annual five percent simple interest charge, and the payment begins six months after graduation or withdrawal from the University. This is a federally funded, low-interest loan, and legal action will be taken if repayment is not made as agreed. A Financial Aid Form (FAF) must be filed in order to determine eligibility for this loan.

The Guaranteed Student Loan Program (GSL)

This program provides low-interest educational loans through a bank, savings and loan association, credit union, or a Guaranteed Student Loan agency in the student's state of legal residence. The student does not begin repayment on the loan until six months after graduation or withdrawal from the University. At that time, the annual interest on the loan will begin to accrue at a rate of eight percent. These loans are also based on financial need. Information and application forms are available in the Financial Aid Office.

PLUS Loans

PLUS loans are provided through a lending institution such as a bank, credit union, savings and loan association or state lending agency. Parents may borrow up to \$3,000 per year for each dependent child enrolled on at least a half-time basis. Repayment of a PLUS loan begins within 60 days of loan disbursement, and the interest rate for these loans is 12 percent.

College Work-Study Program

The College Work-Study Program provides jobs for students who have established financial need through the College Scholarship Service. This is done by completing the FAF. Generally, work will be on campus. Students are paid monthly as work is completed.

Part-Time Employment Program

Kentucky State employs students under the Part-Time Employment Program for up to 25 hours per week. A Financial Aid Form (FAF) must be filed to determine eligibility for this program.

Veterans' Benefits

Kentucky State University is an educational institution approved for training by the Veterans' Administration. Listed below are guidelines for students who wish to determine their eligibility for benefits under veterans' laws. Any student wishing more information should contact the Office of Records, Registration and Admissions.

Those eligible for benefits under veterans' laws:

Veterans who have received a discharge or release from duty under honorable conditions, and who have served a continuous period of active duty of 181 days or more, any part of which occurred after January 31, 1955, OR

Disabled veterans who have served fewer than 181 days of continuous active duty and were discharged for service-connected disability, under honorable conditions, after January 31, 1955.

Servicemen who have served on active duty for at least two years and whose military assignments permit this educational pursuit.

Sons and daughters of veterans who died or are permanently and totally disabled as the result of a service-connected disability incurred or aggravated during active service in the armed forces.

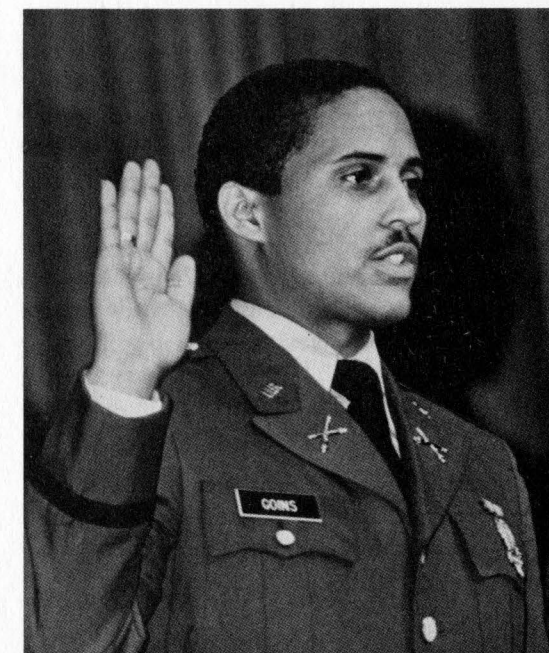
Widows of veterans who received a service-connected disability while on active duty and were honorably discharged and who died as the result of this service-connected disability, or who died while a permanent, service-connected disability was in existence OR

Wives of veterans who received a service-connected disability and were honorably discharged, and who are totally and permanently disabled as the result of this service-connected disability.

NOTE: These are general guidelines. An official determination of eligibility must always be made by the Veterans' Administration.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS FOR FINANCIAL AID RECIPIENTS

The Education Amendments of 1976 stipulate that no advance of Title IV funds may be made to a student unless the educational institution determines that the student is maintaining satisfactory academic progress. Students who fail to maintain satisfactory progress may not receive the following types of financial aid: Pell Grants, Supplemental Educational Opportunity Grants, College Work-Study, National Direct Student Loans, Guaranteed Student Loans, PLUS Loans, other aid involving Title IV funds, or any other aid program for which satisfactory



progress is a requirement. These policies apply only to eligibility to receive financial aid.

Undergraduate Students

An undergraduate student is considered to have made satisfactory academic progress if all of the following criteria are satisfied:

1. Successful completion of at least 24 non-repeated credit hours for each sequential enrollment equivalent to two semesters, an intersession and one summer session in which he/she is in attendance as a full-time student; three-quarter time students must complete 18 credit hours; half-time students must complete 12 credit hours.
2. The number of unexcused absences per semester in any class does not exceed the number of class meetings in one full week of class or the equivalent numbers for intersession and summer session.
3. The academic eligibility standards for the appropriate classification are maintained:

Classification	Minimum GPA Required
First-semester Freshman	1.60
Second-semester Freshman	1.80
Third-semester and above	2.00

Full-time undergraduates will be eligible to receive campus-based aid (Supplemental Educational Opportunity Grant, National Direct Student Loan, College Work-Study) for a maximum of six calendar years in order to complete the requirements for a first bachelor's degree. Students enrolled less than full time will have their years of eligibility prorated accordingly.

Graduate Students

A full-time graduate student is required to enroll in and successfully complete a minimum of 16 nonrepeated credit hours per academic year; three-quarter-time students must complete a minimum of 12 credit hours; half-time students must complete a minimum of 8 credit hours.

Withdrawal

A student will be allowed only two (2) withdrawals from the University per academic lifetime while receiving Title IV financial assistance.

Aid for Part of a Semester

If a student receives financial aid for any part of a semester, that semester will count as a complete semester of aid. Incompletes, withdrawals, or repetitions will not be counted as meeting minimum course requirements.

Review

Completed credit hours and grade-point averages will be reviewed annually at the end of the spring semester. Unexcused class absences will be reviewed throughout each enrollment period.

Re-Establishing Satisfactory Academic Progress

Students may re-establish satisfactory academic progress by either of the following methods:

1. Improving their credit hours and cumulative grade-point average to meet the required Satisfactory Academic Progress standards during any subsequent period (semester, intersession, or summer session) of enrollment; or
2. Successfully appealing to the Student Financial Aid Committee.

Exceptions

The satisfactory progress requirements are waived for one academic year for students who have not enrolled at Kentucky State University for one academic year. Students attending summer school or intersession to re-establish eligibility may be granted financial aid.

Notification of Withdrawal of Aid

Any student receiving financial aid who does not meet the satisfactory progress requirements and whose aid must be withdrawn will be given written notice.

Right of Appeal

Any student whose financial aid has been terminated may submit a written appeal to the Student Financial Aid Committee, explaining why satisfactory progress was not

maintained and giving any reasons why aid should not be terminated.

Appeals may be made on the basis of:

1. Extended illness or hospitalization of the student;
2. Death or extended illness of a member of the student's immediate family; or
3. Any mitigating circumstances which prevented the student from complying with the requirements for maintaining satisfactory academic progress.

All appeals must be submitted to the Financial Aid Committee within two weeks from the date the student receives notification that his/her financial aid has been terminated. The Committee's decision is final.

INSTITUTIONAL SCHOLARSHIP POLICIES

The University offers a variety of academic scholarships for both freshmen and continuing students. Details of these opportunities are provided below. Interested students should contact the University's Office of Admissions for appropriate application materials.

All institutional scholarship/grant programs administered by Kentucky State University are governed by the following policies:

1. The University will maintain scholarship/grant programs of financial assistance.
2. All institutional scholarship/grant programs shall be coordinated by the Director of Financial Aid. Guidelines and procedures for individual scholarships/grants shall be recommended by departments, schools, colleges and/or units and submitted via appropriate channels to the President's Cabinet.
3. All institutional scholarship/grant candidates must be admitted and enrolled in the University and have completed all University requirements prior to the finalization of a scholarship/grant award.
4. Each institutional scholarship/grant candidate must have at the time of award no less than a 2.0 cumulative grade-point average on a 4.0 scale. Individual scholarship/grant programs may require higher academic grade-point averages and/or test scores.
5. All candidates for institutional scholarships/grants must file appropriate applications for institutional, state and federal programs of financial assistance prior to the finalization of a scholarship/grant award. Failure to complete such applications or to finalize awards is grounds for automatic termination of an award.
6. The maximum amount of an institutional scholarship/grant award will be adjusted downward to

reflect any federal, state, institutional or other awards received by the candidate.

7. Each full-time institutional scholarship/grant recipient must successfully complete a minimum of 12 credit hours during each period a scholarship/grant is received. Each part-time institutional scholarship/grant recipient must successfully complete a minimum of 3 credit hours during each period a scholarship/grant is received. Renewal requirements for individual scholarships/grants may be more stringent.

TYPES OF SCHOLARSHIPS

Service Area Scholarships

Minimum Eligibility Criteria for Initial Award

1. New first-time freshman classification
2. Grade-point average of at least 3.0 (on 4.0 scale)
3. ACT composite score of 18 or higher
4. Graduate of a high school in or a legal resident of the Kentucky counties of Franklin, Anderson, Henry, Owen, Shelby, or Scott for at least five years and a high school graduate

Required Credentials

1. Application for Admission
2. Application for Scholarship
3. Financial Aid Form
4. Official high school transcript(s)
5. Official American College Test (ACT) scores

Scholarship Application Deadlines

Students should apply early for the Service Area Scholarships by submitting the above credentials no later than *March 1* for the academic year beginning the following August. The first round of notifications will be made no later than the second week of March, and students are expected to accept or decline the offer of scholarship by *May 15*. In some instances offers of scholarship awards may be made before the second week in March. Students who meet all the criteria stated (above) may be offered an award at such time as their credentials are verified as accurate and meeting the stated criteria.

Selection Procedure and Notification

The selection of students to receive Service Area Scholarships will be made by the Scholarship Committee, composed of a faculty member from each college and school of the University, the Assistant Director of Admissions who will be an ex officio member and serve as Committee Chairman, and/or other individuals designated by the President of the University. Meetings will normally be convened by the Committee Chairman on

a monthly basis as scholarship applications are received and files completed. The Committee will not meet unless there are candidates to consider. Notifying scholarship candidates of their status will be initiated no later than three working days after the Committee's decision.

Value and Disbursement

The value of this award is \$500, and awards will be credited to the student's account upon enrollment and be applied to tuition, room, board, fees, and books and supplies. Fifty percent of the award will be disbursed at fall semester registration and 50 percent at spring semester registration. Intersession and summer session awards are not available under this program. The amount of awards under this program will be adjusted to reflect any financial aid, grants or other scholarships for which the student may qualify.

Renewal of Awards

Awards under this program are renewable each academic year, providing the student maintains the following minimum academic progress:

1. Enrolls for and completes a minimum of 30 credit hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
2. Maintains at least a 2.75 grade-point average each semester. (Exception: First-time freshmen will be eligible for scholarship renewal upon approval if their first semester's grade-point average is less than 2.75 but more than 2.5. The cumulative grade-point average at the end of the second semester must be at least 2.75.)
3. Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances beyond the control of the student are involved, such as the death of an immediate family member, illness of student or family member, or other documented evidence of mental or physical hardship.
4. Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing co-op training earns fewer than 15 credit hours for the semester(s) that he/she participates in co-op training, scholarship renewal consideration will be based on the number of credit hours completed for the semester(s) prior to co-op training.

Termination of Awards

Scholarship awards may be discontinued or terminated if the recipient fails to meet the requirements outlined above and in the Kentucky State University Institutional

Scholarship Policies. Award recipients will not be eligible for scholarship awards for the semester(s) during which they participate in University-coordinated co-op training if they are being paid for that training. It is the student's responsibility to monitor his/her own progress and to comply with the stated criteria for renewal.

Notification of Termination of Award

The Scholarship Committee will send notification of termination of scholarship award at such time that it is verified that the award recipient fails to meet the qualifications for the award. The Scholarship Committee will review the progress of each award recipient at the end of each semester to determine eligibility for renewal or necessity for termination.

Presidential Scholarships

Minimum Eligibility Criteria for Initial Award

1. New first-time freshman classification
2. Grade-point average of at least 3.0 (on 4.0 scale)
3. ACT composite score of 19 or higher

An applicant who is a valedictorian or a salutatorian of his/her high school graduating class will automatically qualify for a Presidential Scholarship award.

Consideration may also be given to applicants if high school coursework reflects a college preparatory curriculum and letters of recommendation are written on behalf of the applicant by the high school counselor and at least two high school teachers who are familiar with the applicant's ability.

Required Credentials

1. Application for Admission
2. Application for Scholarship
3. Financial Aid Form
4. Official high school transcript(s)
5. Official American College Test (ACT) scores
6. Letters of recommendation, if appropriate

Scholarship Application Deadlines

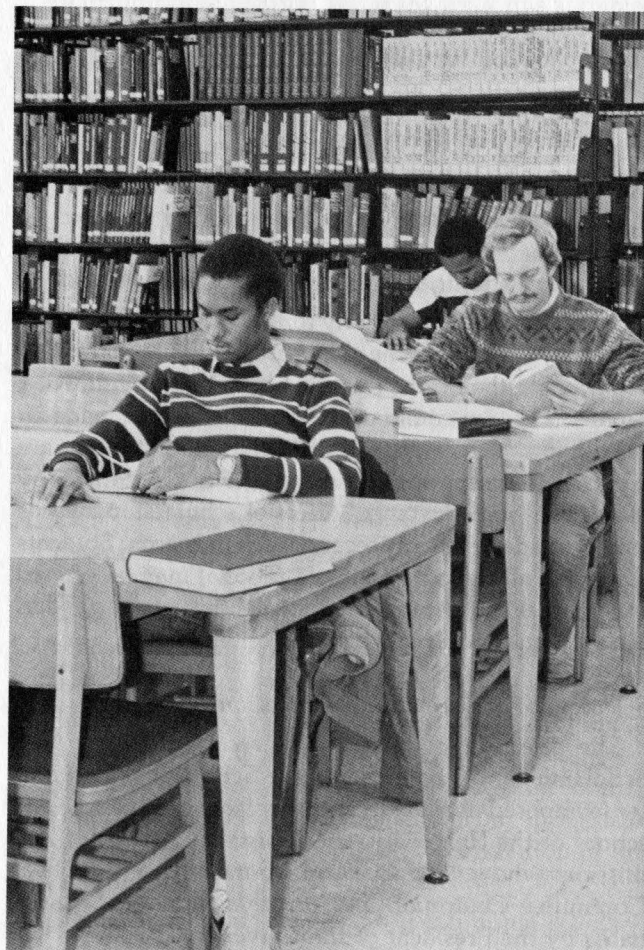
Students should apply early for a Presidential Scholarship by submitting the credentials listed above no later than *March 1* for the academic year beginning the following August. The first round of notifications will be made not later than the second week of March, and students are expected to accept or decline the offer of scholarship by *April 15*. In some instances, offers of scholarship awards may be made prior to the second week in March. Students who meet all the criteria stated above may be offered an award at such time as their credentials are verified as accurate and meeting the stated criteria.

Selection Procedure and Notification

The selection of students to receive Presidential Scholarships will be made by the Scholarship Committee, composed of a faculty member from each college and school of the University, the Assistant Director of Admissions who will be an ex officio member and serve as Committee Chairman, and/or other individuals designated by the President of the University. Meetings will normally be convened by the Committee Chairman on a monthly basis as scholarship applications are received and files are completed. The Committee will not meet unless there are candidates to consider. Notifying scholarship candidates of their status will be initiated no later than three working days after the Committee's decision.

Disbursement

Scholarship awards will be credited to the student's account upon enrollment and finalization of the award and applied to tuition, room, board, fees, and books and supplies. Fifty percent of the award will be disbursed at fall semester registration and 50 percent at spring semester registration. Intersession and summer session awards are not available under this program.



Value of Awards

The maximum amount available for a Presidential Scholarship award is the sum of tuition, room, board, fees, insurance, and a maximum of \$300 for books and supplies for the academic year. No award that includes room and board will be made to a student who does not reside on campus in University housing. The actual amount of the total Presidential Scholarship award will be adjusted downward to reflect any federal, state, or other grants for which the awardee may qualify, and the actual costs incurred.

Types, Criteria and Value of Awards

Three types of awards are available under the Presidential Scholarship program, based on demonstrated academic achievement. The types of awards, criteria for awards, and the value of the awards are as follows:

Type	Criteria	Value
Full Presidential	Minimum ACT composite of 25 and a minimum grade-point average of 3.5 (on a 4.0 scale)	Tuition, fees, insurance, room, board, books and supplies
Partial Presidential	Minimum ACT composite of 23 and a minimum grade-point average of 3.25 (on a 4.0 scale)	Tuition plus one-half of room, board and fees
Tuition Presidential	Minimum ACT composite of 19 and a minimum grade-point average of 3.0 (on a 4.0 scale)	Tuition and fees

Exceptions may be made on the basis of recommendations by the Scholarship Committee and upon approval by the President of the University.

Renewal of Awards

Awards under this program are renewable each academic year, provided the student maintains the following minimum academic progress:

1. Enrolls for and completes a minimum of 30 credit hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
2. The amount of renewal will be according to the following rates:

3.50 — 4.00 GPA	100 percent of initial award
3.25 — 3.49 GPA	75 percent of initial award
3.00 — 3.24 GPA	50 percent of initial award
Below 3.00 GPA	0 percent of initial award

3. Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved, such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.
4. Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing the co-op training earns fewer than 15 credit hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of credit hours completed for the semester(s) prior to co-op training.

Termination of Awards

Scholarship awards may be discontinued or terminated if the award recipient fails to meet the requirements outlined above and in the Kentucky State University Institutional Scholarship Policies. Award recipients will not be eligible for scholarship awards for the semester(s) during which the award recipient participates in University-coordinated co-op training if he/she is being paid for that training. It is the student's responsibility to monitor his/her own progress and to comply with the stated criteria for renewal.

Notification of Termination of Award

The Scholarship Committee will send notification of termination of scholarship awards at such time that it is verified that the award recipient fails to meet the qualifications for the award. The Scholarship Committee will review the progress of each award recipient at the end of each semester to determine eligibility for renewal or necessity for termination.

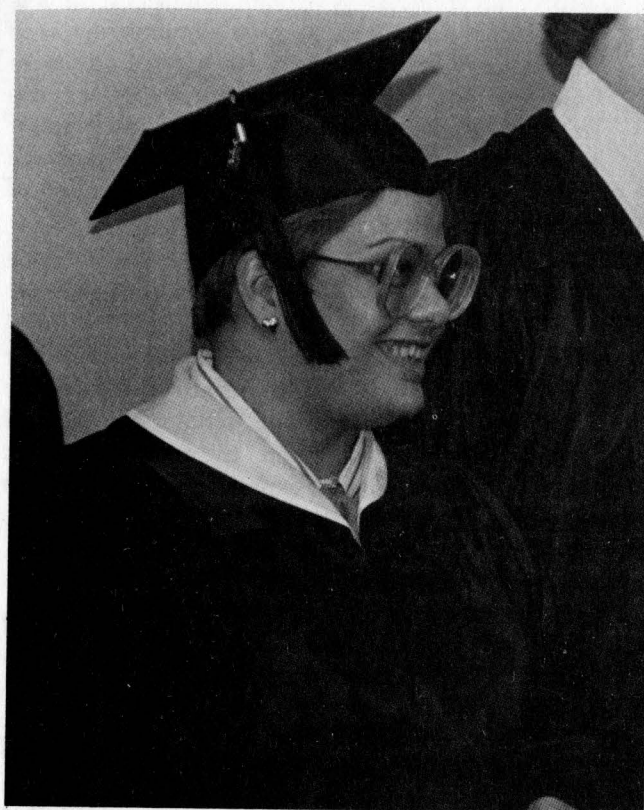
Continuing Student Scholarships

Minimum Eligibility for Initial Award

1. Sophomore or junior classification
2. Grade-point average of at least 3.5
3. Full-time classification (15 credit hours or more for purposes of these guidelines)

Application for Scholarship Deadlines

Students should apply early for the Continuing Student Scholarship by submitting an Application for Scholarship no later than *March 1*, and students are expected to accept or decline the offer of scholarship by *May 15*. In some instances offers of scholarship awards may be made before the second week in March. Students



who meet all the criteria stated above may be offered an award at such time as their credentials are verified as accurate and meeting the stated criteria.

Selection Procedure and Notification

The selection of students to receive a Continuing Student Scholarship will be made by the Scholarship Committee, composed of a faculty member from each college and school of the University, the Assistant Director of Admissions, who will be an ex officio member and serve as Committee Chairman, and/or other individuals designated by the President of the University. Meetings will normally be convened by the Committee Chairman on a monthly basis as scholarship applications are received and files completed. The Committee will not meet unless there are candidates to consider. Notifying scholarship candidates of their status will be initiated no later than three working days after the Committee's decision.

Disbursement

Scholarship awards will be credited to the student's account upon enrollment and finalization of the award and will be applied to tuition, room, board, fees, books, and supplies. Fifty percent of the award will be disbursed at fall semester registration and 50 percent at spring semester registration. Intersession and summer session awards are not available under this program.

Types and Value of Awards

The maximum amount available for a Continuing Student Scholarship award is the sum of tuition, room, board, fees, insurance, and a maximum of \$300 for books and supplies for the academic year. No award that includes room and board will be made to a student who does not reside on campus in University housing. The actual amount of the total Continuing Student Scholarship will be adjusted downward to reflect any federal, state, or other grants for which the student may qualify, and the actual cost incurred.

Type	Criteria	Value
Full Continuing	3.8 grade-point average	Tuition, fees, insurance, board, room, supplies, and books
Partial Continuing	3.5 grade-point average	Tuition and fees

Exceptions may be made on the basis of recommendations by the Scholarship Committee and upon approval by the President of the University.

Renewal of Awards

Awards under this program are renewable each academic year, provided the student maintains the following academic progress:

1. Enrolls for and completes a minimum of 30 credit hours each academic year and maintains at least a 3.5 cumulative grade-point average each academic year.
2. The amount of renewal will be according to the following rates:

3.80 — 4.00 GPA	100 percent of initial award
3.50 — 3.79 GPA	50 percent of initial award
3. Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved, such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.
4. Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing the co-op training earns fewer than 15 credit hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of credit hours completed for the semester(s) prior to co-op training.



Termination of Award

Scholarship awards may be discontinued or terminated if the recipient fails to meet the requirements outlined above and in the Kentucky State University Institutional Scholarship Policies. Award recipients will not be eligible for scholarship awards for the semester(s) during which they participate in University-coordinated co-op training if they are being paid for that training. It is the student's responsibility to monitor his/her progress and to comply with the stated criteria for renewal.

Notification of Termination of Award

The Scholarship Committee will send notification of termination of scholarship awards at such time that it is verified that the recipient fails to meet the qualifications for the award. The Scholarship Committee will review the progress of each award recipient at the end of each semester to determine eligibility for renewal or necessity for termination.

Other Scholarships

A number of restricted or special scholarships are provided to qualified candidates through or by the Kentucky State University Foundation. Interested students should contact the Foundation's office, which is located in the

University Relations Office in Hume Hall, to determine their eligibility for such awards.

In addition to Kentucky State's other scholarships, the University provides limited scholarships and/or grants to students of special talent, such as in music or athletics. Interested students should contact the chairperson of the Division of Fine Arts or the director of athletics, as applicable.

Students enrolled in the pre-engineering program sponsored jointly by Kentucky State and the Universities of Kentucky and Maryland may be eligible for scholarships provided to qualified candidates by a number of local business or corporate organizations and state government. These awards are made available by Ashland Oil Company, Brighton Engineering Company, Square D Company and the Kentucky Department of Transportation. These scholarships range in amount from small stipends to complete support for tuition and books. Further details may be obtained from the Office of Admissions. Students should also consult with the University's pre-engineering advisor.

Students enrolled in the University through its Community College may also be eligible for scholarship assistance. Further information is in the Community College section of this Catalogue and from the Community College Office.

Student Affairs

STUDENT SERVICES

Kentucky State University's Student Activities/Student Organizations Office serves as a focal point of University community life: The Office administers the program of social, cultural, educational, and recreational activities of the Hill Student Center and supervises the use of student center facilities by students and off-campus individuals. The Office monitors the activities of all campus organizations and serves in an advisory capacity to a number of key organizations, including the Student Government Association.

The Office has the responsibility for fostering the growth and development of students by creating opportunities for students to sponsor and participate in social, cultural, spiritual, and recreational programs. Students gain leadership skills by taking on actual responsibilities of citizenship, by putting their learning into the context of living, and by helping to make University life an experience in living.

The Office coordinates groups with common interests in the successful completion of campus-wide projects and activities, provides services and facilities to carry out University-sponsored programs that contribute to the educational and cultural growth of the University community, and coordinates the scheduling of such activities by on- and off-campus groups and organizations.

STUDENT GOVERNMENT

The Student Government Association of Kentucky State, which is the student governing body, gives the University's students a voice in the affairs of the campus community. Its officers and other members manage many student-only projects, and one member serves as a voting member of the University's Board of Regents.

SGA is, in part, supported by student activity fees. It plays a part in scheduling or sponsoring concerts, dances, speakers, and other activities that make up the social and cultural life of Kentucky State students. Whether planning entertainment, presenting the student point of view to the University administration, or encouraging academic excellence among the student body, participants in student government help shape their community.

STUDENT ORGANIZATIONS

At KSU, the cliché, "There is a chance to participate, the opportunity to get involved," is much more than an overused phrase; it is a fact of campus life. There is a remarkable range of organizations available for a student body of some 2,200. Those organizations include a range

of Greek fraternities and sororities, honor societies, math and science clubs, literary groups, art/music clubs, and special interest organizations (nursing, ROTC, international students, chess, etc.). Students who have an interest that is not represented may inaugurate an organization related to that interest. Interested students should contact the Office of the Vice President for Student Affairs for further information.

HOUSING AND RESIDENCE HALLS

KSU provides dormitory housing for students who wish to live on campus. Most full-time undergraduate students live in the University's residence halls. All full-time undergraduate students who are under 21 years of age — except veterans of at least two years active military service, students who commute from their parents' or guardians' homes, or married students — are *required* to live in campus housing.

Residence halls vary in size and architectural style and provide, in most instances, double-room accommodations. A limited number of single rooms are available on a first-come, first-served basis. Some residence halls are reserved for freshmen; others house upperclass students; and one residence hall, Hunter Hall, is for both men and women students.

An obvious advantage of the residence halls is their proximity to classroom buildings, the library, cafeteria, student center, gymnasium, and health center. In the residence halls, students have access to study rooms, television lounges, game rooms, kitchen and laundry facilities, vending services, and telephones. All the residences are professionally staffed by head residents.

Meals are provided at the Underwood Cafeteria, which is located adjacent to the Hill Student Center.

The Housing Office oversees the operation of all University-owned and -operated housing facilities for students. This office also coordinates all programs, services, and activities associated with these facilities, and it encourages personal development through in-hall programming and academic and social activities. It is also responsible for ensuring that students have an atmosphere conducive to studying. Students are helped in assuming responsibilities that foster growth away from home.

The Housing Office ensures that the physical condition of the residence halls is maintained at an optimal level for and by the student residents, provides and encourages social interaction in the residence halls, and ensures security in all residence halls.

Housing Applications

Applications for rooms in the residence halls are received at any time. Applications will be considered, however, only after a student has been officially admitted to the University. Requests for room reservations should be addressed to the Director of Housing.

Each applicant must submit an application for housing and \$65.00 to cover the room reservation fee (\$25.00), damage deposit (\$25.00), key deposit (\$10.00) and social fee (\$5.00) before receiving a room assignment. Every effort will be made to honor an applicant's preference of hall and roommate assignment; however, a particular room is not guaranteed. Assignments are made on a first-come, first-served basis according to the date the deposit is received. Each student will be required to sign a University Residence Hall Contract, which sets forth the conditions for student housing, prior to admittance to the residence hall.

One half of the annual room charge is to be paid during each of the two semesters during the regular academic year. Intersession or summer session room charges are due at the beginning of those terms. All fees and expenses are payable in accordance with the fee-payment schedule in the Student Expenses section of this Catalogue.

Care of Rooms

Students are expected to care for their rooms and to keep them clean and orderly. Kentucky State University attempts to make it possible for students to enjoy good living conditions; therefore, it expects those who occupy rooms in the residence halls to keep them in good condition. Students will be charged for University property damaged or destroyed.

Articles to be Furnished by Students

Students must furnish their own bed linen (twin bed sheets, pillow cases, comforters or blankets, bedspreads), towels, wash cloths, and personal items.

STUDENT HEALTH SERVICES

Kentucky State's Office of Student Health Services helps ensure the physical and mental health of University students. Its program is broad in scope, encompassing preventive medicine, health education, physical and mental health care, referral, and supervision of the environment. Students are provided appropriate advice, comfort, and first aid. When necessary, the Health Center refers students to appropriate health care professionals or facilities in the Frankfort community or beyond. All records, treatments and referrals are strictly confidential.

The services provided to students by the Health Center include the following:

- Health care for all students by administering physicals for participants in the athletic programs; screening tests

for hypertension, sickle cell anemia and tuberculosis; and immediate and emergency health care services;

- Health education workshops or seminars conducted on campus at various times during the year;
- Workshops for the purpose of promoting breast cancer detection among female students;
- Educational programs on venereal diseases and the use of practical methods and devices of birth control; and
- Reviews of student medical records for the purposes of identifying medical problems.

STUDENT HEALTH INSURANCE

The University has an agreement with an approved insurance company to cover students against any accidental injury either at the University or at home during the period of coverage. The cost to each student is approximately \$60.00 per year. Each full-time undergraduate and graduate student is required to participate in the Student Health Insurance Program. Requests for exemptions should be submitted in writing before the end of the second week of each semester to the Vice President for Student Affairs. Information on the insurance program may be obtained from the Betty White Health Center or the Office of Student Affairs.

COUNSELING AND PLACEMENT

Choosing a career is an important concern of students and their families. While premature decisions are risky, failure to address career opportunities must also be avoided. The University devotes considerable attention to the goal of helping students think seriously about the implication of their career interests and then to finding



practical ways for successfully satisfying the requirements of these career interests. It is often appropriate to remind students that despite the apparent fury of the larger world beyond Kentucky State University, there is time enough to make adequate plans for careers. Indeed, what is perhaps essential is that students realize how many different kinds of career and vocational interests are available to them. An English major is perfectly well suited to become a doctor or a lawyer; an industrial arts major should not suppose that careers are restricted to the merely technical features of a trade. The list expands almost indefinitely.

Kentucky State's Office of Counseling and Placement assists students in need of academic, personal, social, and vocational counseling; offers assistance to graduates in finding suitable employment in business, industrial, governmental and educational organizations that seek college-trained personnel for permanent employment; and informs faculty, staff and administrators about employment trends, standards and requirements (particularly as they affect the specific office or department concerned).

The Center also

- provides individual and group counseling to students at all levels;
- provides psychological counseling services to students;
- provides special programs for transfer, foreign, rehabilitation, and nontraditional students;
- develops and implements career awareness and education programs for students, faculty, and the community;
- provides work experiences for students as part of their occupational orientation and career development;
- provides to students an option for incorporating a paid work experience into their education; and
- provides students the opportunity to consider possible employers through its placement activities.

TESTING SERVICE

The Testing Service is responsible for the administration, scoring, reporting, and record keeping for a number of nationwide standardized programs and services, as well as for specialized institutional testing programs and services.

The specific tests and programs may vary as the University's programs change, but they currently include the following:

1. The *General Educational Development* tests (GED) (high school equivalency test);
2. The *American College Testing Program* (ACT) (the required entrance test for KSU);
3. The reporting and collation of all the University's

placement examinations (the actual administration of such exams is done by the appropriate department);

4. The *Comprehensive Tests of Basic Skills* (CTBS) (required of all freshmen, sophomores, and applicants to Teacher Education);
5. The *College Level Examination Program* (CLEP) (a procedure for receiving college credit for specific courses by passing the corresponding national examination);
6. The *Graduate Record Examinations* (GRE) (required for entrance or full acceptance into many graduate schools, including the Master of Public Affairs Program of the University's School of Public Affairs, and required as part of the senior comprehensive examination by a number of University departments);
7. The *National Teacher Examinations* (NTE) (required as the senior comprehensive examination by the University's Department of Education and for certification by the Kentucky Department of Education as well as for certification in many other states);
8. The *Scholastic Aptitude Test/Achievement Tests* (SAT/ACH) (required by some colleges or universities for entrance); and
9. Correspondence examinations (for persons taking courses by correspondence from other universities).

In addition, the Testing Service has the official registration forms for other testing programs, such as the Graduate Management Admissions Test (GMAT), the Law School Admissions Test (LSAT) and the Medical College Admissions Test (MCAT). The Testing Service also receives test scores from other programs, such as the Advanced Placement Program and the Test of English as a Foreign Language, and distributes these scores to the proper University unit. Moreover, the Testing Service offers consultation services and workshops to students, faculty, staff and administrators on a variety of test-related topics including test preparation, test-taking skills, and test usage and interpretation.

Students planning to take any of the above tests should keep the following points in mind: Most tests are given only a few times a year on specific dates. The date selected should provide time for the scores to be received by the institution by the announced deadline. (Ordinarily it takes four to six weeks after the test for the results to be available.) Most tests require registration about one month in advance of the actual test date.

Complete details on the above testing services and programs, including test/registration deadlines and fees, are available from the Testing Service. Information on the ACT is also available from high school counselors or principals.

Life On The Hill



Kentucky State University is not all work and no play. Students have many opportunities to enjoy themselves outside the classroom. The social calendar includes concerts, balls, sockhops, swimming parties, talent shows, fashion shows, Homecoming activities, and inter-collegiate football, baseball, softball, golf, tennis, volleyball, basketball and track and field competitions. During the University's Centennial year, 1986, the opportunities for enjoyment outside the classroom have been greatly multiplied.

Although not strictly social, intramural competition provides an outlet for many students. Among the men's, women's, or coed intramural activities are archery, badminton, basketball, bowling, softball, flag football, swimming, track, ping pong, tennis, and volleyball. In the local area, recreational opportunities include boating, water skiing, camping, cycling, fishing, golfing, hiking, horseback riding, jogging, and weight training, plus the nearly limitless sightseeing that the historic and scenic Bluegrass region of Kentucky offers.

Cultural experiences are considered an integral part of a liberal studies higher education. Numerous cultural events are scheduled throughout every academic year — many by the University and many by local organizations that use campus facilities for events open to students as well as to the general public.

Bradford Hall houses student practice rooms and rehearsal halls for Kentucky State's instrumental and vocal ensembles. The Bradford Hall Auditorium and Little Theatre are the sites of concerts, lectures, and plays.

Art and photography exhibitions attended by the public from Frankfort and the surrounding area as well as by University students, faculty, and staff are presented in Jackson Hall Gallery and Blazer Library.

Public figures spanning the spectrum of political and human endeavor appear often at Kentucky State. Recent convocations or special events have scheduled, among others, economist Max Lerner, trial attorney F. Lee Bailey, former Olympian John Thomas, television performer and singer Nell Carter, poets Nikki Giovanni and Gwendolyn Brooks, author Alex Haley, American philosopher Mortimer Adler, NAACP executive director Benjamin Hooks, journalist and former White House press secretary Jody Powell, historian David Brion Davis, actor John Forsythe, singers Marilyn McCoo and Billy Davis, Jr., and tennis star Arthur Ashe, Jr. Most of the Frankfort Arts Foundation's annual presentations — which include symphonic concerts, ballets, play productions, and operas — take place on the Kentucky State campus.

In 1986 the University's Centennial Celebration became a central focus of life on "the hill." Some three dozen special Centennial events, several featuring individuals of national or international celebrity status, have included popular and choral and classical music concerts, special receptions, athletic contests, rededications of historic campus buildings, academic award programs, notable seminars and symposia and lectures, art exhibits, and picnics and parades, among other activities.

Life in Frankfort



Frankfort, the capital city of Kentucky and the home of Kentucky State University, lies on the western edge of the state's Bluegrass region. The 200-year-old city of 26,000 grew along the banks of the Kentucky River in a small valley bordered by limestone cliffs. Preservation of historic structures throughout the city adds to its picturesque quality. Easily accessible by major highways, Frankfort is within brief driving distances of Lexington, Louisville, and Cincinnati.

Frankfort's history is rich with familiar names and events. Daniel and Rebecca Boone are buried in a cemetery overlooking the city just a few minutes walk from the Kentucky State campus. In the old Statehouse, Aaron Burr was tried for treason. The Military History Museum contains artifacts from the Revolutionary War and Civil War periods. The Corner of Celebrities, located in the city's oldest residential neighborhood, has at different times been the residence of governors, supreme court judges, senators and other noted statesmen. The Old State Capitol Building is a finely restored example of Greek Revival architecture and the first public work by the renowned architect, Gideon Shryock. Its marble double-spiral staircase is a beautiful example of innovative design and superb craftsmanship.

The Orlando Brown House and Liberty Hall, designed by Shryock for statesman John Brown and his son, served

as a meeting place for such famous figures as Thomas Jefferson, Andrew Jackson and Theodore Roosevelt. These two homes, along with the Glen-Willis House, provide the city with beautiful areas for public receptions and with formal gardens along the river.

Today, offices of state government, the University, and local organizations join together to provide the city with places and events of interest. Beautifully planted gardens at the new State Capitol Building and throughout the city establish pleasant and congenial surroundings. The Frankfort Arts Foundation brings nationally recognized talent to Frankfort for musical and theatrical productions. Art galleries show works by the widely-known late local painter, Paul Sawyier, along with shows by other nationally and locally known artists. The Game Farm, established in 1944 by the state Department of Fish and Wildlife Resources, is only three miles from downtown Frankfort. In addition to its woods and lakes, which serve as rest and feeding areas for migratory birds, almost all of Kentucky's native animal species are in residence.

Frankfort is a diverse community that offers Kentucky State students a variety of opportunities for recreation and personal growth. Students can choose to be a part of this community in many ways. It offers access to a rich cultural and historical perspective while providing avenues for involvement in civic and community affairs.

The Land Grant Mission

COMMUNITY RESEARCH SERVICE

Kentucky State University's Community Research Service is one of 17 agricultural research programs at 1890 land-grant institutions and Tuskegee University established by Congress under the Morrill Act of 1890. These research programs are administered by the U. S. Department of Agriculture and the Cooperative State Research Service.

The mission of Kentucky State's Community Research Service is to help resolve problems facing rural Kentuckians. Currently, research is being conducted in four broad areas: agriculture and natural resources; human nutrition, health, and home economics; plant and soil science; and rural development.

Specific issues are addressed in each of these research areas. Among Kentucky State's outstanding research are projects in warmwater and coldwater fish production, Christmas and forest tree culture, and grain storage pest control. Other research projects in such areas as child development, rural crime, and nutrition problems of the elderly help serve the vital human needs that challenge rural populations within the state's borders and beyond.

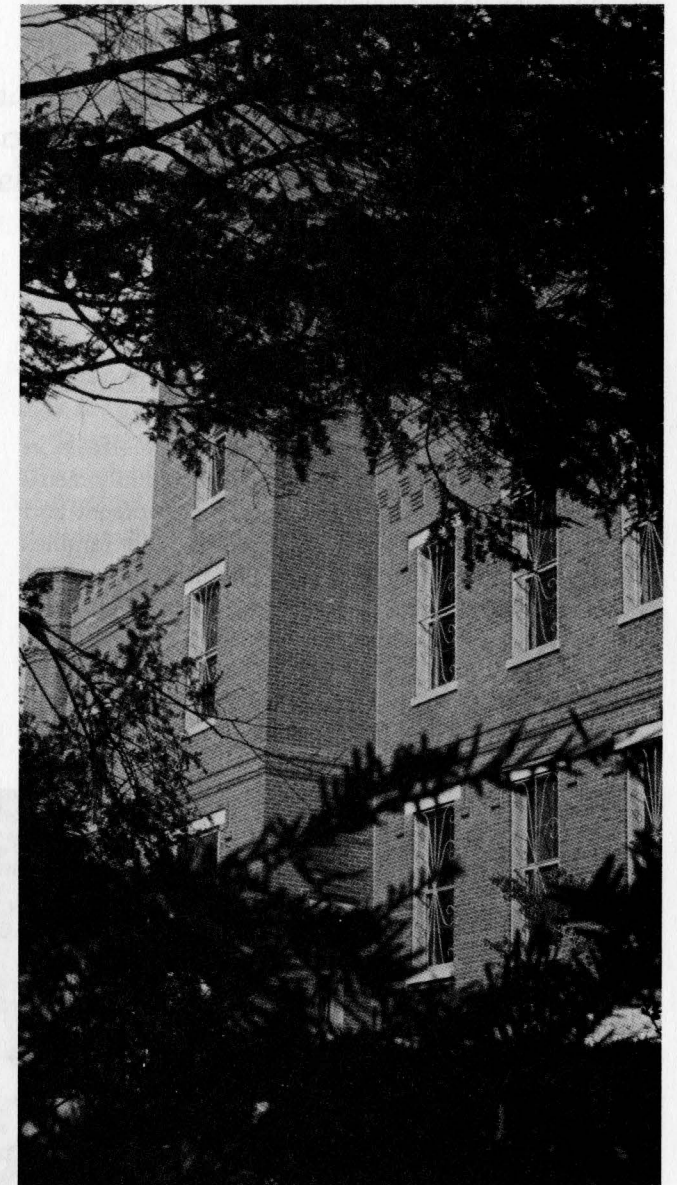
Kentucky State's newly renovated Atwood Agricultural Research Building, housing biological, analytical chemistry, electron microscopy and nutrition laboratories as well as a computer and word processing center, serves as a hub for the Community Research Service's activities. Augmenting this facility are a research farm and a fish hatchery/pond complex that serve to test theoretical laboratory work under practical field conditions.

Each research project is headed by a lead scientist and directly involves students in hands-on research work. Kentucky State students have opportunities to work in a wide variety of capacities, including those as laboratory and administrative assistants, in the research program. High school juniors and seniors are also exposed to research and related career opportunities through the Student Apprenticeship Program.

Researchers addressing these problems have varied educational backgrounds as well as domestic and international experience. Several researchers have appointments split between teaching University courses and carrying out research for Kentucky State's Community Research Service.

COOPERATIVE EXTENSION PROGRAM

The Cooperative Extension Service is a nationwide system established by an act of the U. S. Congress to help



people improve their farms and communities. Cooperative Extension is a joint effort between the U. S. Department of Agriculture, the land-grant university system, and the counties in each state. This relationship is designed to provide grassroots, not-for-credit educational programs in agriculture, home economics, community resource development, and youth development.

Kentucky officially joined this partnership in 1916. Today, there are two land-grant universities in Kentucky: Kentucky State University and the University of Kentucky. All land-grant universities have three primary functions: resident instruction, research, and public service.

Since 1972, the Cooperative Extension Program at Kentucky State has helped fulfill the public service role. The program reaches farmers, homemakers, families, young people, senior citizens, and communities, but is mainly targeted to Kentuckians with limited resources.

Many Extension programs are one-on-one efforts in which paraprofessionals work directly with family members. One such program, the Family Development and Management Program, helped limited resource families in Kentucky save more than \$158,000 in the operation of their households during a one-year period. Through another one-on-one program, farmers increased their farm income an average of \$10,000 each.

Other programs, such as family economics and management, family life, and child development, help families

lead healthier and happier lives. From estate planning to meal planning, keeping healthy to keeping warm, and raising tomatoes to raising children, these programs help Kentuckians deal effectively with the tasks of everyday living.

Still other programs help people make the most of community resources. The urban and community gardening program, for example, provides space for would-be gardeners with no land by making use of community land provided by local organizations. And the community resource development program helps people learn about effective crime prevention techniques and how to assist local police officers.

Each of these programs is developed to meet a need expressed at the local level. The payoff can be seen in dollars saved, more attractive homes and communities, new industries, and more satisfying relationships, to name only a few.

Kentucky State students can learn more about the Cooperative Extension Program as a career choice through student work assignments, work-study, and other student employment opportunities. There are opportunities for all students, regardless of their major study choices. In fact, during the past few years, Kentucky State students have worked in virtually every phase of the program, including administration, graphic arts, horticulture, business management, and home economics.

The College of Arts and Sciences

The entire object of true education is to make people not merely do the right things, but to enjoy them — not merely industrious, but to love industry — not merely learned, but to love knowledge — not merely pure, but to love purity — not merely just, but to hunger and thirst after justice.

— John Ruskin

At the heart of a liberal studies institution, one finds the subjects and disciplines of the traditional arts and sciences. Excellence in teaching is the governing institutional objective of Kentucky State University's College of Arts and Sciences. Academic programs of the College are varied and broad in scope. Academic majors are offered in the following fields:

Art	Medical Technology
Biology	Music
Chemistry	Physical Education
English	Political Science
History	Psychology
Mathematics	Sociology

In addition, in cooperation with the University of Kentucky and the University of Maryland, Kentucky State offers a pre-engineering academic major program. Students study Applied Mathematics at the University for the initial three years of their undergraduate career. Upon successful completion of requirements at Kentucky State, pre-engineering students are accepted by the University of Kentucky or the University of Maryland for two additional years of rigorous study in any of several fields of engineering. A student who successfully completes both portions of this double-degree program is awarded a Bachelor of Science degree in Applied Mathematics from Kentucky State University and an Engineering degree in the specific field from the University of Kentucky or the University of Maryland. Details of this particular program may be found in the Catalogue section on the Division of Mathematics and Sciences of the College of Arts and Sciences.

An important curricular commitment of the College of Arts and Sciences is the University's baccalaureate degree requirement in Integrative Studies. The program of Integrative Studies is considerably more than a sequence of courses in the traditional humanities. Indeed, in some respect or other, nearly every academic division of the College contributes to the instruction offered in this innovative undergraduate program.

Finally, students interested in earning credit toward certification for teaching at the elementary or secondary level may undertake coursework offered by divisions of the College of Arts and Sciences in cooperation with the faculty of the Department of Education within the College of Applied Sciences. Details of these programs may be found in the section on teacher education elsewhere in this Catalogue, and students should refer to the appropriate subject matter sections of the College of Arts and Sciences for coursework requirements applicable to their particular programs. To earn a degree through the College of Arts and Sciences in four years, students must satisfy both departmental and University course requirements. Summer session coursework and possibly an additional year may be required in some cases. Every student is encouraged to work closely with his or her mentor or departmental advisor.

INTEGRATIVE STUDIES

Integrative Studies, a basic component of the 53-credit-hour core curriculum, is more than an attempt at a distribution of courses within the liberal tradition. It elicits from both faculty and students a commitment to analyze and interpret a body of knowledge that links the perennial questions of human life with the greatest works of history, literature, art, philosophy, and the sciences. It challenges faculty and students to view learning as an integrative process by suggesting conceptual bridges which can span historical moments and various disciplines of study.

Integrative Studies seeks to enhance the students' relationship to all disciplines. It also places the emphasis on critical and analytical ability in dealing with events, individuals, ideas, artifacts, and texts that have contributed to human gains and losses. From a more practical point of view, those courses also promote the integration of the technical and humanistic components of education and try to correlate the ethical, aesthetic and philosophical aspects of existence.



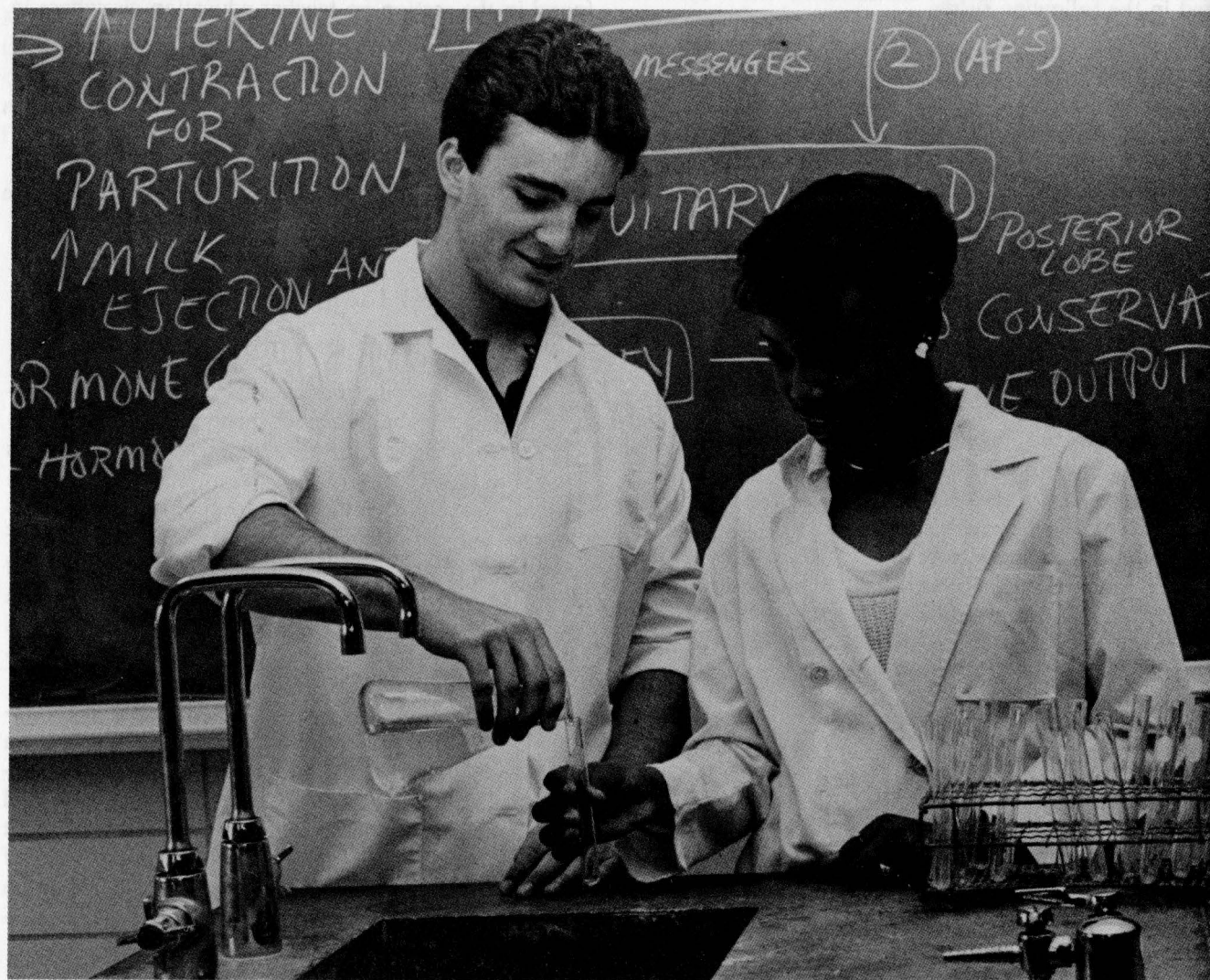
The program consists of seven seminar-type models, three in the Western and four in the non-Western traditions. It became an integral part of the curriculum in the fall of 1983 and is now fully implemented. Teachers from all disciplines are invited to participate. As a University-wide endeavor, Integrative Studies contributes to the students' holistic approach to learning and places education within a framework of purpose and thought leading to greater intellectual and professional satisfaction.

With the exception of Whitney Young College students, all baccalaureate degree-seeking students must complete successfully 12 credit hours in Integrative Studies. The course requirements are IGS 200, 201, and 300; and IGS 301, 302, 303 or 304.

The number of Integrative Studies credit hours that transfer students must complete successfully varies in accordance with the number of transfer credit hours accepted by the University toward fulfillment of graduation requirements. The Integrative Studies requirements by number of transfer credit hours are the following:

- All students entering the University with 30 or fewer semester credit hours must complete successfully 12 credit hours of Integrative Studies.
- Students entering the University with more than 30 but fewer than 45 semester credit hours must complete successfully 9 credit hours of Integrative Studies.
- Students entering the University with more than 44 but fewer than 60 semester credit hours must complete successfully 6 credit hours of Integrative Studies.
- Students entering the University with more than 59 semester credit hours must complete successfully 3 credit hours of Integrative Studies.

Students who transfer with courses similar to the University's Integrative Studies offerings may be exempted from these courses, with the consent of the *Coordinator of Integrative Studies* or the *Dean of the College of Arts and Sciences*. Those exemptions will be determined on an individual basis.



The Division of Behavioral and Social Sciences

The Division of Behavioral and Social Sciences is committed to the University's particular emphasis on liberal studies. Baccalaureate degree programs are offered in History, Political Science, Psychology, and Sociology. The Division provides its students with knowledge, skills, tools and perspectives to analyze and interpret phenomena in their chosen fields as well as in related disciplines. The intent is to develop scholars who are knowledgeable and well versed in each of the behavioral and social sciences.

To realize these objectives, the Division has developed a core curriculum wherein each of its degree programs is reciprocally involved. This core integrates the academic experiences of the students by allowing them the opportunity to share common classes, to develop a common core of ideas and social thought, and to interact with faculty members in the Division.

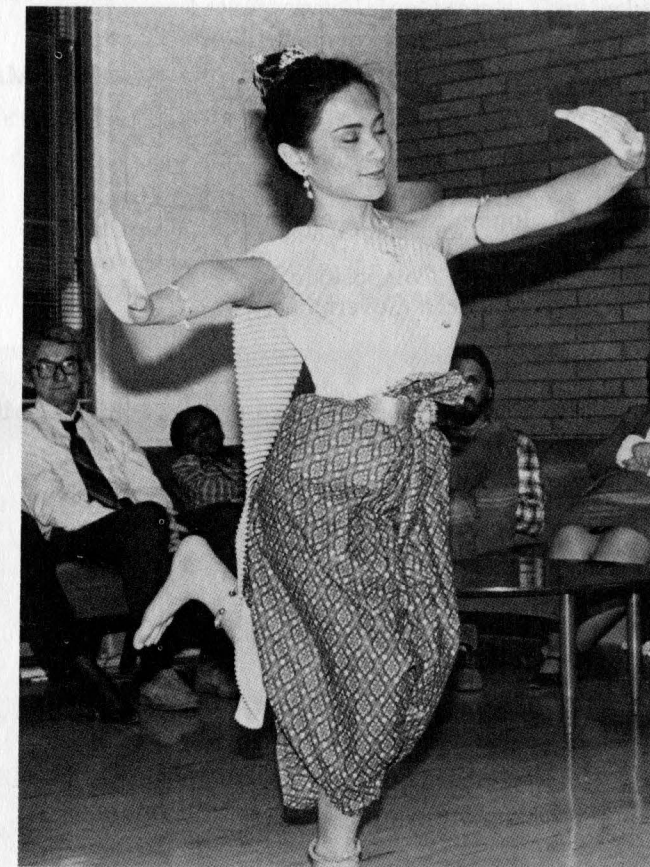
The core curriculum requires baccalaureate degree-seeking students to complete successfully one or more courses in each discipline within the Division, a seminar during the sophomore year, and a colloquium during the senior year. The core courses are BSS 200; SOC 102 or 303 and SOC 203; POS 101; PSY 200; HIS 103 and 202; and BSS 499. Majors in Political Science must complete successfully SOC 300, and majors in Psychology and Sociology must complete successfully SOC 300 and 301.

Finally, majors in the Behavioral and Social Sciences may pursue certification for teaching at the secondary level in two areas. In cooperation with the Department of Education, the Division offers the possibility of certification in History and in Social Studies Education. Details of these programs may be found in the section on teacher education elsewhere in this Catalogue.

AFRO-AMERICAN STUDIES

The Division of Behavioral and Social Sciences also offers a minor in Afro-American Studies. This is an interdisciplinary program administered by the faculties of History and Political Science. Kentucky State University is committed to continued scholarship, inquiry and education in Afro-American history and culture. By drawing upon the resources of faculties in a broad range of related studies, it is hoped that students will develop an understanding of the Afro-American experience from a variety of perspectives. This knowledge will qualify students for further study in this field at the graduate level or for teaching positions at elementary and secondary levels.

Admission to this program requires a cumulative grade-point average of 2.0, and it is recommended that students complete the Liberal Studies Requirements prior to pursuit of the minor. Students must complete successfully



18 credit hours from a variety of interdisciplinary courses selected in consultation with their advisors. The courses include ART 303; ENG 409; GEO 212; HIS 304, 314, 375, 376 and 411; MUS 323 and 325; POS 240 and 462; and SOC 304.

HISTORY

Courses in History treat the social, political, and intellectual development of civilizations throughout the world. A History major may choose courses that deal with Europe, North America and the non-Western world.

In order to earn the Bachelor of Arts degree in History, a student must satisfy several requirements. They include the completion of a minimum of 33 credit hours in History. The required courses are HIS 101 or 102, 201 or 202, 314, 422 and 433; and an additional 18 credit hours of 300- and 400-level courses, which must be selected in consultation with the student's faculty advisor.

The requirements for a minor in History include the completion of 24 credit hours. Specific course requirements are HIS 101, 102, 201 and 202. The remaining 12 credit hours must be selected in consultation with the student's faculty advisor from 300- or 400-level courses.

Suggested Curriculum
BACHELOR OF ARTS IN HISTORY
Total Hours: 131

FRESHMAN YEAR

Fall	Hours	Spring	Hours
HIS 101 World Civilization I	3	ENG 102 English Composition II	3
		ART 130 Introduction to Art OR	
MAT 110 Interm. Algebra or above	3	MUS 130 Introduction to Music	3
BIO 101 Life Science	3	HIS 103 Western Civilization	3
ENG 101 English Composition I	3	SPE 103 Interpersonal Commun.	3
POS 101 American Government	3	HIS 102 World Civilization II	3
	18	Foreign Language	3
			18

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
		BSS 200 Intro. to Soc. Sci. Sem.	3
ENG 211 Intro. to Literature	3	ENG 312 World Literature	3
HIS 201 U.S. History to 1865	3	SOC 203 Principles of Sociology	3
HED 221 Personal Health/Fitness OR		IGS 201 Convergen/Reshape/Cultures	3
PHE Activity	2	HIS 202 U.S. History Since 1865	3
GEO 102 Principles of Geography OR		PSY 200 General Psychology	3
SOC 303 Cultural Anthropology	3		18
IGS 200 Found. of Western Culture	3		
	17		

JUNIOR YEAR

Fall	Hours	Spring	Hours
HIS 314 Blacks in the U.S. OR		HIS 433 Twentieth Century Europe OR	
HIS 422 Recent U.S. History	3	HIS 376 African History from 1870	3
IGS 300 New Forms of Culture	3	Minor Courses	6
HIS Electives	6	**IGS 301, 302, 303, or 304	3
Minor Course	3	HIS Elective	3
	15		15

SENIOR YEAR

Fall	Hours	Spring	Hours
HIS Electives	9	HIS Elective	3
Minor Courses	6	Minor Courses	9
	15	BSS 499 Senior Colloquium	3
			15

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.
**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

POLITICAL SCIENCE

Political Science as a discipline encompasses the systematic study of the state and its government and is primarily concerned with the organization of the state and its governing agencies. It is one of the social sciences, yet is an independent discipline justified by the demands of specialization as well as by the unique importance of the state.

Political Science at Kentucky State University is a highly developed academic curriculum that prepares students for graduate study in Political Science or related areas, such as law or public affairs. Moreover, the Division of Behavioral and Social Sciences has broadened its

course offerings to introduce students to the major sub-fields of the discipline.

To earn the Bachelor of Arts degree in Political Science, a student must satisfy several requirements. They include the completion of a minimum of 33 credit hours in Political Science. The required courses are POS 101, 160, 201, 211, 270, 301 or 462; POS 322 or 461; POS 331 or 431; and POS 355 and an additional 6 credit hours of 300- and 400-level courses, which must be selected in consultation with the student's faculty advisor.

A minor in Political Science requires the completion of 18 credit hours. The student must complete POS 101, 160, 211; POS 270 or SOC 301; and POS 355 and 462.



Suggested Curriculum BACHELOR OF ARTS IN POLITICAL SCIENCE

Total Hours: 128

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	POS 160 State/Local Government	3
MAT 110 Interm. Algebra or above	3	Foreign Language	3
POS 101 American Government	3	HIS 103 Western Civilization	3
ART 130 Introduction to Art OR		SPE 103 Interpersonal Commun.	3
MUS 130 Introduction to Music	3	*Natural Science	3
Foreign Language	3		
	<u>18</u>		<u>18</u>

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
HED 221 Personal Health/Fitness OR		GEO 102 Principles of Geography OR	
PHE Activity	2	SOC 303 Cultural Anthropology	3
ENG 211 Intro. to Literature	3	SOC 300 Stat. and Res. Design I	3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
PSY 200 General Psychology	3	POS 201 Metropolitan Government	3
BSS 200 Intro. to Soc. Sci. Sem.	3	HIS 202 U.S. History since 1865	3
POS 211 Intro. to Polit. Sci.	3	SOC 203 Principles of Sociology	3
	<u>17</u>		<u>18</u>

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303, or 304	3
POS 341 Intro. to Public Admin.	3	POS 355 Classical Polit. Theory	3
POS 322 Legislative Process OR		POS 331 Amer. Constitutional Law OR	
POS 361 World Politics	3	POS 431 Constitution/Civil Lib.	3
POS 270 Research Mthds./Pol. Sci.	3	POS 362 Urban Polit. and Policies	3
Elective	3	POS 375 Social Change, Politics and	
	<u>15</u>	Public Policy	3
			<u>15</u>

SENIOR YEAR

Fall	Hours	Spring	Hours
POS 461 American Politics	3	POS 464 African Politics	3
POS 301 Comparative Government OR		POS 442 Public Personnel Admin.	3
POS 462 Pol. of Dev. Nations	3	POS Electives	6
POS 446 American Polit. Exec.	3	BSS 499 Senior Colloquium	3
Elective	3		
	<u>12</u>		<u>15</u>

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

PSYCHOLOGY

Psychology involves theory, research, and application of knowledge concerning the understanding of human experience. Psychologists examine the structure of thought, behavior, and the social context and physiological and developmental processes that underlie their structures. Psychology embraces the scientific method and seeks validation and verification of behavioral events. As a profession, Psychology requires the application of knowledge and skills to assess, prevent, and resolve individual and social problems.

The program in Psychology at Kentucky State University leads to a major or a minor that prepares the student with a solid, well-rounded education in Psychology. The study of Psychology serves as a useful foundation for the pursuit of careers in law, medicine, social work

and the other helping professions, or majors may consider further study in Psychology at the graduate level.

In order to earn a Bachelor of Arts degree in Psychology, a student must satisfy several requirements. They include the completion of 33 credit hours in Psychology. The required courses are PSY 200, 300, 301, 304, 320, 400 or 401; PSY 405, 406 and an additional 9 credit hours of 300- and 400-level courses that must be selected in consultation with the student's faculty advisor. The student also must complete EDU 221 and a minor in another field.

To satisfy the requirements for a minor in Psychology, a student must earn 21 credit hours. The requirements include PSY 200 and 304; PSY 300 or 301; PSY 400 or 401; PSY 405 or 406; and 6 additional credit hours of 300- and 400-level courses that must be selected in consultation with the student's minor faculty advisor.



Suggested Curriculum BACHELOR OF ARTS IN PSYCHOLOGY

Total Hours: 131

FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	*Natural Science	3
ENG 101 English Composition I	3	SPE 103 Interpersonal Commun.	3
Foreign Language	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	POS 101 American Government	3
HIS 103 Western Civilization	3	ART 130 Introduction to Art OR	
	15	MUS 130 Introduction to Music	3
		Foreign Language	3
			18

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
EDU 221 Human Growth-Life Span Development	3	Electives AND/OR Minor Courses	6
ENG 211 Intro. to Literature	3	SOC 205 Introduction to Sociology	3
PSY 200 General Psychology	3	IGS 201 Converge/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	HIS 202 U.S. History Since 1865	3
BSS 200 Intro. to Soc. Sci. Sem.	3		15
PHE Activity OR			
HED 221 Personal Health/Fitness	2		
	17		

JUNIOR YEAR

Fall	Hours	Spring	Hours
PSY 320 History and Systems	3	PSY 301 Stat. and Res. Design II	3
PSY 300 Stat. and Res. Design I	3	**IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3	PSY 304 Experimental Psychology	3
SOC 303 Cultural Anthropology	3	PSY Electives OR	
PSY Electives OR		Minor Courses	6
Minor Courses	6		15
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
PSY 400 Abnormal Psychology OR		PSY 406 Seminar in Psychology II	3
PSY 401 Personality Theory	3	PSY Electives OR	
PSY Electives OR		Minor Courses	12
Minor Courses	9	BSS 499 Senior Colloquium	3
PSY 405 Seminar in Psychology I	3		18
	15		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

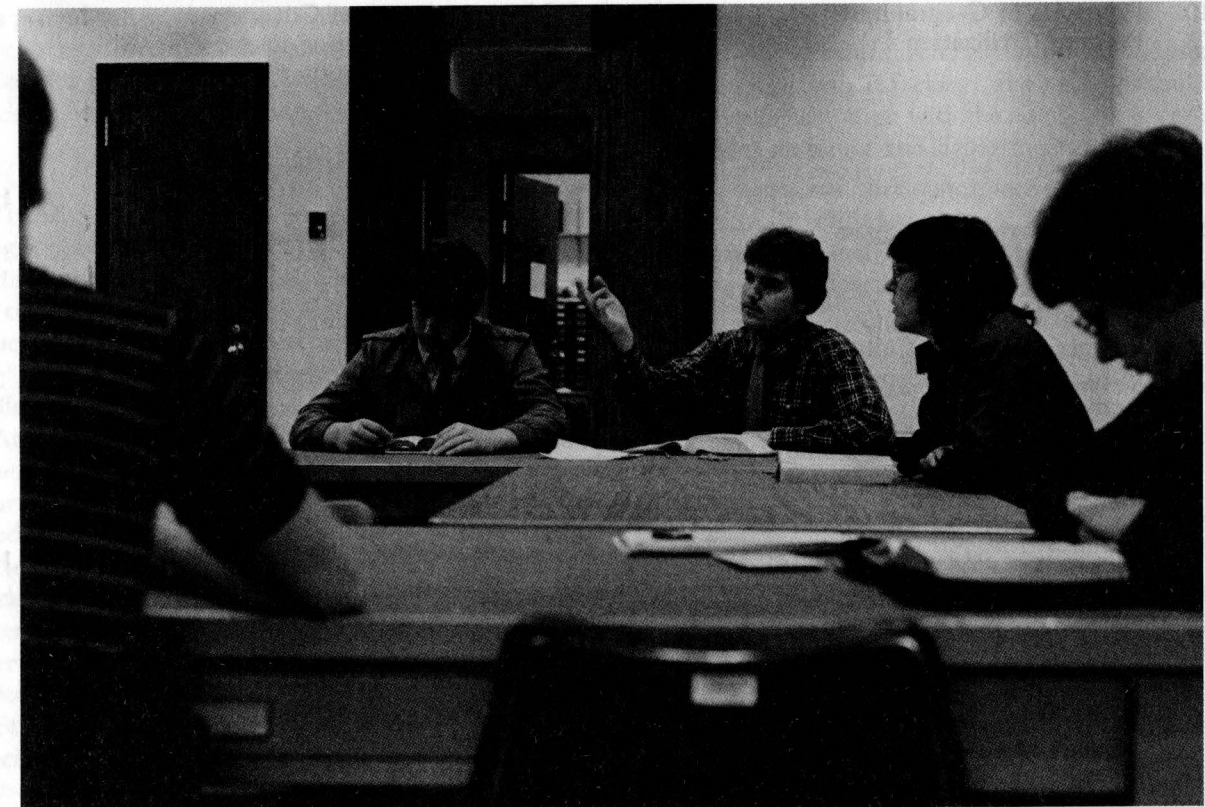
SOCIOLOGY

Sociology is the scientific study of societies and social organizations. It examines the behavior of large and small groups in various contexts and seeks improved understanding of the principles and dynamics of human relationships.

The Sociology program at Kentucky State offers a contemporary curriculum of sociology and related professional courses. The program builds upon a liberal studies foundation and is designed to provide students with several program and career options.

To earn a Bachelor of Arts degree in Sociology, a student must satisfy several requirements that include the completion of 30 credit hours in Sociology. The required courses are GEO 102; SOC 205, 300, 301, 303, 304, 305, and 405; and an additional 6 credit hours to be selected in consultation with the student's faculty advisor.

A minor in Sociology requires the successful completion of 18 credit hours in the discipline. The requirements are GEO 102; SOC 205, 301, 304, and 305; and one additional upper-level course. Also, the student must complete BSS 499.



Suggested Curriculum BACHELOR OF ARTS IN SOCIOLOGY

Total Hours: 134

FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	*Natural Science	3
ENG 101 English Composition I	3	SPE 102 Interpersonal Commun.	3
		ENG 102 English Composition II	3
		Foreign Language	3
MAT 110 Interm. Algebra or above	3	POS 101 American Government	3
GEO 102 Principles of Geography	3	ART 130 Introduction to Art OR	
HIS 103 Western Civilization	3	MUS 130 Introduction to Music	3
	18		18

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
EDU 221 Human Growth-Life Span Development	3	ENG 312 World Literature	3
		SOC 205 Intro. to Sociology	3
ENG 211 Intro. to Literature	3	IGS 201 Converge/Reshape/Cultures	3
PSY 200 General Psychology	3	HIS 202 U.S. History Since 1865	3
IGS 200 Found. of Western Culture	3	SOC Elective	3
BSS 200 Intro. to Soc. Sci. Sem.	3		15
PHE Activity OR			
HED 221 Personal Health/Fitness	2		
	17		

JUNIOR YEAR

Fall	Hours	Spring	Hours
SOC 300 Stat. and Res. Design I	3	SOC 305 Contemporary Social Prob.	3
IGS 300 New Forms of Culture	3	SOC 301 Stat. and Res. Design II	3
SOC 303 Cultural Anthropology	3	**IGS 301, 302, 303, or 304	3
Electives OR		SOC 304 Race and Ethnic Relations	3
Minor Courses	6	Electives OR	
	15	Minor Courses	6
			18

SENIOR YEAR

Fall	Hours	Spring	Hours
SOC 405 Sociological Theory	3	SOC Upper Level Course	3
Electives OR		Electives OR	
Minor Courses	12	Minor Courses	12
	15	BSS 499 Senior Colloquium	3
			18

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

The Division of Fine Arts

The Division of Fine Arts is comprised of Art, Music, and Speech, Communication, and Theatre. Baccalaureate degree programs are offered in Art and Music and minors are offered in Art, Music, and Speech and Theatre. The arts broaden human potential and provide room for creativity and growth. The arts also deal with the quality of life and the development of cognitive and expressive skills. Through presentations, such as concerts, theatre productions, art exhibitions, lectures, and workshops, the arts provide an aesthetic and cultural environment vital to scholastic life. The Division of Fine Arts prepares its majors for a variety of professions in the arts and related fields as well as a foundation for graduate study.

ART

The Division of Fine Arts offers a baccalaureate degree program in Studio Art and in cooperation with the Department of Education of the College of Applied Sciences the coursework necessary for teacher certification in Art Education. Details of the teacher certification program may be found in the Department of Education within the College of Applied Sciences section of this Catalogue.

Art courses at Kentucky State University are designed to serve both those students who are seriously interested in art as a profession and those who are primarily interested in obtaining knowledge of various art forms or opportunities for creative expression. Course offerings include drawing, painting, printmaking, photography, commercial arts, design, sculpture, ceramics, weaving, interior design, art history, and art education.

Students have the option of pursuing either a major in Studio Art or a major in Studio Art with an area of specialization. The major in Studio Art is for students who desire a liberal arts education with a general background in the visual arts. The program consists of 49 credit hours in Studio and Art History courses, a 21-credit-hour minor outside of Art, 6 credit hours of general electives, and the Liberal Studies Requirements. The major in Studio Art with an area of specialization is for students who want a stronger foundation in Art with more specialized study in one or more areas of Art. This program consists of 68 credit hours of Studio and Art History courses, 7 credit hours of general electives, and the Liberal Studies Requirements. A minor is not required. Students who intend to do graduate work in Art should pursue this option.

A nonteaching minor is also offered in Art. This 21-credit-hour program consists of Art 110, 112, 113, 201, and 202; and 6 credit hours of Studio Art electives.

Enrollment in Studio Art courses is generally limited to 10 to 15 students. The instructor provides personal

guidance and attention to each student. Studio spaces are available for students to have individual working areas.

Studio and academic opportunities are enhanced for Art majors by field trips to galleries and museums and by a series of guest lecturers brought to the University. In addition, Jackson Hall Gallery hosts local, regional, and national art exhibitions for the entire University.

The nature of the study of Art at Kentucky State requires the stipulation of certain regulations. They are as follows:

Student Advisement. Each Art major will be assigned an advisor from the Art faculty. The student should maintain close consultation with the advisor in order to keep abreast of curricula and departmental matters.

Course Sequence. Art majors are required to take Art courses in prescribed sequences. Many courses are prerequisites to others. To deviate from a sequence, a student must obtain permission from the Coordinator of Art.

Selection of Curriculum. A student wishing to major in Art should declare a major in either Studio Art or Art Education no later than the second semester of the freshman year. The declaration must be made prior to preregistration for sophomore courses.

Studio Art Majors. Students who wish to pursue a Studio Art curriculum must select a major emphasis and a minor emphasis. A major emphasis consists of at least 12 hours of upper-level courses in a specific art area, and a minor emphasis consists of 9 hours. Major and minor emphases may be selected in Art History, Ceramics, Drawing, Painting, Photography, Printmaking, Sculpture, or Weaving.

Studio Art Courses. For each studio credit hour, two hours of work in class plus a minimum of one hour outside of class is required each week.

Art Exhibitions. All Art majors are expected to attend the opening of each campus exhibit on campus sponsored by the Art area.

Sophomore Review. While enrolled in the fourth semester of the Art curriculum, each student must present examples of his or her art work from each of the Studio Art areas to be reviewed by members of the Art faculty. After this review the Art faculty will advise the student whether upper-division courses may be taken.

Senior Review and Exhibit. Each Art major's work will be reviewed during the senior year by a committee of Art faculty members to ascertain whether the work is of sufficient quality to warrant a public exhibit. If a student's work does not pass the review, it must be re-submitted at a later date. Art majors are required to have a public, on-campus exhibit of their art work prior to graduation.

Art Education Majors. An Art Education major must comply with all of these regulations and those stipulated elsewhere in this Catalogue under the Department of Education.

Graduates. Each Art graduate will be asked to donate a

piece of art to the University's permanent art collection.

Non-Art Majors. Non-Art majors may take any introductory Art course and any advanced Art course for which prerequisites are waived by the instructor of the course.

Suggested Curriculum BACHELOR OF ARTS IN STUDIO ART (A Minor Outside of Art Is Required)

Total Hours: 129

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HIS 103 Western Civilization	3
BIO 101 Life Science	3	ART 110 Basic Drawing I	3
HED 221 Personal Health/Fitness OR		ART 113 Three-Dimensional Design	3
PHE Activity	2	ART 160 Art Symposium	1
ART 112 Two-Dimensional Design	3	SPE 103 Interpersonal Commun.	3
ART 130 Introduction to Art	3		16
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	IGS 201 Converge/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	*ART Elective	3
ART 211 Basic Drawing II	3	ART 160 Art Symposium	1
*ART Elective	3	**Natural Science	3
Foreign Language	3	ART 202 Art History Survey II	3
ART 201 Art History Survey I	3	Foreign Language	3
	18		16

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	#IGS 301, 302, 303, or 304	3
PSY 200 General Psychology OR		ECO 200 Survey of Economics OR	
SOC 203 Principles of Sociology	3	POS 101 American Government	3
*ART Elective	3	***ART Major Emphasis	3
Minor Courses	6	ART 160 Art Symposium	1
	15	Minor Courses	6
			16

SENIOR YEAR

Fall	Hours	Spring	Hours
***ART Major Emphasis	3	*ART Electives	6
ART Senior Seminar	1	***ART Major Emphasis	3
ART History Elective	3	Minor Course	3
Minor Courses	6	Elective	3
Elective	3		15
	16		

*ART 220, 240, 245, 305, 307, 310, 315, or 317

**May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

***Major emphasis may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving.

#IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum BACHELOR OF ARTS IN STUDIO ART (Area(s) of Specialization Required)

Total Hours: 128

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HIS 103 Western Civilization	3
BIO 101 Life Science	3	ART 110 Basic Drawing I	3
HED 221 Personal Health/Fitness OR		ART 113 Three-Dimensional Design	3
PHE Activity	2	ART 160 Art Symposium	1
ART 112 Two-Dimensional Design	3	SPE 103 Interpersonal Commun.	3
ART 130 Introduction to Art	3		16
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro. to Literature	3	Foreign Language	3
Foreign Language	3	*ART Studio Electives	6
ART 211 Basic Drawing II	3	ART 202 Art History Survey II	3
*ART Studio Elective	3	ART 160 Art Symposium	1
ART 201 Art History Survey I	3		16
	18		

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	***IGS 301, 302, 303, or 304	3
PSY 200 General Psychology OR		ECO 200 Survey of Economics OR	
SOC 203 Principles of Sociology	3	POS 101 American Government	3
**ART Major Emphasis	3	#Natural Science	3
ART Art History Elective	3	**ART Major Emphasis	3
ART Studio Elective	3	**ART Minor Emphasis	3
	15	ART 160 Art Symposium	1
			16

SENIOR YEAR

Fall	Hours	Spring	Hours
**ART Major Emphasis	3	**ART Major Emphasis	3
**ART Minor Emphasis	3	**ART Minor Emphasis	3
ART Art History Elective	3	*ART Studio Elective	3
Elective	3	ART 160 Art Symposium	1
**ART Studio Elective	3	Elective	4
ART Senior Seminar	1		14
	16		

*To be selected from ART 220, 240, 245, 305, 307, 310, 315, or 317.

**Major and minor emphasis may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving.

***IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

#May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

MUSIC

The Area of Music offers two degree programs, a Bachelor of Music in Applied Music and a Bachelor of Music Education. The Music Education degree, which leads to certification, is offered in conjunction with the Department of Education in the College of Applied Sciences. (Details of this program can be found under the Catalogue section, Department of Education.)

A major in Applied Music requires the successful completion of the University's Liberal Studies Requirements, 76 credit hours of Music courses, and 12 credit hours of free electives. The total number of credit hours required for this degree is 137. Students in this degree program are required to complete concentrated study on an instrument or in voice in preparation for careers in music performance and studio teaching. This program should be elected only by those who can demonstrate a high level of proficiency in their chosen medium of performance. Students are required to audition for this program.

The requirements for a minor in Music are MUS 101, 102, 110, 111, 120, 220, 321, and 322, and 4 credit hours in Music Ensemble for a total of 22 credit hours. MUS 120 and MUS 220 must be taken two semesters. Although not required, it is recommended that students who choose to minor in Music elect MUS 130 (Introduction to Music) as their Fine Arts elective.

Liberal Studies Requirements

Each Music student must complete all University Liberal Studies Requirements except SPE 103 (Interpersonal Communication), Art 130 (Introduction to Art), and MUS 130 (Introduction to Music).

Music Placement and Proficiency Examinations

Placement examinations and auditions are given in Music Theory, Piano, and Applied Music (principal instrument or voice) to all students during registration week of the fall and spring semesters. All music students who do not pass the Music Theory Placement Examination must enroll in Music 100 (Fundamentals of Music).

All Music students with principal applied areas, other than piano, must demonstrate proficiency on the Piano Placement Examination. Music students who do not pass the Piano Placement Examination must complete four semesters of class piano (two semesters for Music minors). Applied Music majors may substitute courses in class piano with minor applied piano courses with the consent of the instructor. All Music majors must successfully complete proficiency examinations in music theory, piano, and applied music during the sophomore year.

Applied Music

Each music student is required to designate a principal

area of private music study and must enroll in this area each semester (except the student-teaching semester) for credit until recital requirements are completed. Students also may earn credit in secondary areas. Changes in the principal applied area or degree program may only be made with the consent of the Music faculty.

Credit requirements for Applied Music may vary, depending on the content and the program in which the student is enrolled. Each student enrolled in Applied Music is expected to practice at least one hour per day for each credit being earned.

Faculty Advisors

Each student who declares an intent to major in either of the baccalaureate degree programs in Music will be assigned a faculty advisor. The advisor will assist the student in registering and in planning an appropriate academic program. Faculty advisors will periodically notify students of their academic progress toward completion of degree requirements.

Music Seminars, Juries, and Recitals

All Music majors must register for Applied Music Laboratory in conjunction with major applied lessons each semester, except the student-teaching semester. Regular attendance at seminars, concerts, and recitals sponsored by the Area of Music is mandatory. Attendance records are kept by the Coordinator of Music.

Students majoring in Music must perform on a jury at the end of each semester (except when preparing for senior recital) and are evaluated in their performance area by the Music faculty. Evaluations are used to determine satisfactory progress in Applied Music.

All Music majors performing recitals must enroll for credit in and pass a recital hearing approved by the Faculty Jury/Recital Committee. This hearing must be given a minimum of four weeks prior to the scheduled recital. Music Education majors are required to perform a Senior Recital (MUS 499). Applied majors are required to perform a Junior Recital (MUS 399) and a Senior Recital (MUS 499).

Music Ensembles

All Music majors are required to enroll in a major ensemble representing the major performing medium each semester, except the student-teaching semester. Music Education majors pursuing the instrumental option must enroll in a minimum of 3 credit hours of MUS 385 (Wind Ensemble) or MUS 382 (Concert Band), and 4 credit hours of MUS 381 (Marching Band). Music Education majors pursuing the vocal option must enroll in MUS 386 (Concert Choir) each semester, except the student-teaching semester. Exceptions from these requirements must be approved by the Music faculty.

Suggested Curriculum BACHELOR OF MUSIC IN APPLIED MUSIC Total Hours: 137

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	MUS 102 Music Theory 1450-1650	3
MUS 101 Music Theory to 1450	3	HIS 103 Western Civilization	3
MAT 110 Interm. Algebra or above	3	*Natural Science	3
MUS 110 Class Piano I	1	MUS 111 Class Piano II	1
MUS 161 Major Applied I/Lab	2	MUS 162 Major Applied II/Lab	2
MUS Ensemble	<u>1</u>	MUS Ensemble	<u>1</u>
	16		16

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
POS 101 American Government OR		PSY 200 General Psychology OR	3
ECO 200 Survey of Economics	3	SOC 203 Principles of Sociology	3
	3	Foreign Language	1
MUS 120 Minor Applied I (Piano)	1	MUS 120 Minor Applied I (Piano)	3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
MUS 201 Music Theory 1650-1820	3	MUS 202 Music Theory 1820-1900	
ENG 211 Intro. to Literature	3	HED 221 Personal Health/Fitness OR	2
MUS 261 Major Applied III/Lab	2	PHE Activity	2
MUS Ensemble	<u>1</u>	MUS 262 Major Applied IV/Lab	<u>1</u>
	19	MUS Ensemble	18

JUNIOR YEAR

Fall	Hours	Spring	Hours
MUS 301 Form and Analysis	2	**IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3	MUS 322 Music History 1685-1900	3
MUS 321 Music History to 1685	3	MUS 327 Music Lit. 1685-1900	3
MUS 326 Music Lit. to 1685	3	MUE 341 String Pedagogy	1
MUE 348 Band Pedagogy	1	MUE 353 Choral Conducting	1
#MUS 336 Phonetics and Diction	1	***MUS Music Elective	2
MUS 361 Major Applied V/Lab	3	MUS 362 Major Applied VI/Lab	3
MUS Ensemble	<u>1</u>	MUS 399 Junior Recital	<u>1</u>
	17	MUS Ensemble	18

SENIOR YEAR

Fall	Hours	Spring	Hours
MUS 303 Orchestration	2	MUS Minor Applied Elective	1
MUS 324 20th Century Music	2	MUS 462 Major Applied VIII/Lab	3
@MUE 342 Voice Pedagogy	1	Electives	9
MUE 354 Instrumen. Conducting	1	MUS 499 Senior Recital	1
+MUS Perform. Lit. Elect.	3	MUS Ensemble	1
Elective	3		15
MUS Minor Applied Elective	1		
MUS 461 Major Applied VII/Lab	4		
MUS Ensemble	1		
	18		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

***Must be chosen from the Music Theory, Composition, or Arranging sequence.

#Minor Applied elective required for Instrumental Option Students.

@Keyboard majors must also take MUS 349 (Keyboard Pedagogy).

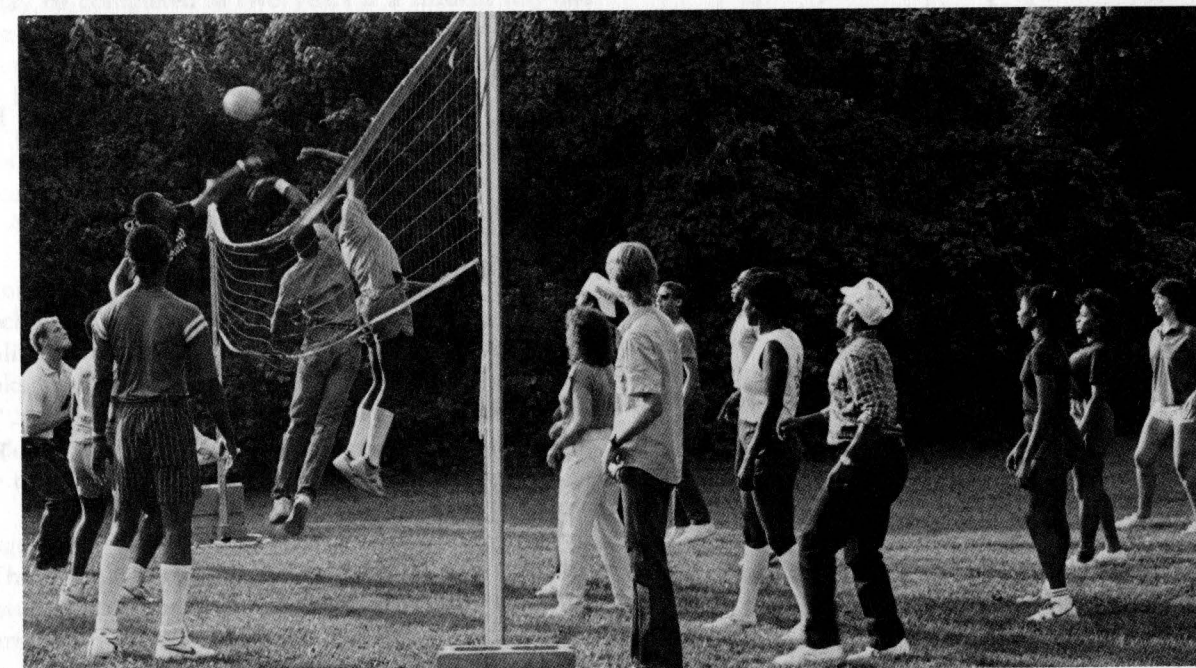
+Must be chosen from MUS 328, MUS 329, or MUS 330.

SPEECH, COMMUNICATION, AND THEATRE

The purpose of the Area of Speech, Communication, and Theatre is to develop an awareness of and the methods and techniques necessary for the continual improvement of human communication as a social and professional tool. Additionally, courses are designed to help students understand the impact of and the methods and techniques used by the media systems and to help students understand cultural influences and develop an appreciation for cultural heritages.

The University has two theatres and several rehearsal rooms for classes and private practice, which serve as laboratories for instruction and facilities for University-sponsored theatrical productions. A minor in Speech and Theatre must complete a total of 24 credit hours. The requirements are SPE 200 and 315; and THE 204 and 210. Nine additional credit hours in 300- and 400-level courses in one or more of the three areas listed complete the minor. Approval of the area advisor is necessary for the selection of these electives.

The Division of Health, Physical Education and Recreation



The Division of Health, Physical Education and Recreation prepares students to teach and/or direct programs in Health Education, Physical Education, Recreation, and Athletic Training, or for further study at the graduate level in these and related fields. The Division provides numerous and diverse opportunities for students to achieve physical fitness and to acquire recreational skills for lifetime learning and leisure.

The Division offers the Bachelor of Arts degree in Physical Education. A student may elect the nonteaching option or the option that leads to teacher certification. Details of the latter program may be found elsewhere in this Catalogue under the Department of Education of the College of Applied Sciences.

PHYSICAL EDUCATION

Employment opportunities for Physical Education majors extend beyond teaching and coaching. Physical Education majors today have begun to consider alternative ways of using their training. As a result of the tremendous surge of public interest in sports and physical activity, alternative career opportunities for Physical Education graduates are increasing. These alternative career possibilities include health-related occupations, sports administration, sports communication, sports marketing and physical activity instruction.

Minors and Endorsements

The Division also offers minors in three areas and endorsements in two others. Minors are available in Athletic Training, in Health Education, and in Recreation. Endorsements are available in Athletic Coaching and in Elementary Physical Education.

The Athletic Training minor is open to all University baccalaureate majors. The specific course requirements for this minor are BIO 301; CHE 109; FNU 104; HED 223; and PHE 320, 324, 351, 390, 423 and 424. Successful completion of the coursework for the minor provides the foundation for possible certification as a trainer by the National Athletic Trainers Association.

The Health Education minor is also open to all University baccalaureate degree majors. The specific course requirements for the minor are FNU 104, and HED 107, 225, 305, 320, 321 and 326.

The minor in Recreation is available to all University baccalaureate degree-seeking students. The required courses are REC 101, 201, 322, 343, 364, and 400.

The endorsement in Athletic Coaching is available to all baccalaureate degree majors. The specific course requirements, as recommended by the American Alliance for Health, Physical Education, Recreation and Dance, are two coaching courses selected from PHE 381, 382, 383 and 384; PHE 356 or 391; PHE 330, 331, 380, 389, 390 and 421; and REC 400.

Suggested Curriculum
BACHELOR OF ARTS IN PHYSICAL EDUCATION
(Nonteaching With Recreation Minor)
Total Hours: 132

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	ART 130 Introduction to Art OR	
HIS 103 Western Civilization	3	MUS 130 Introduction to Music	3
BIO 111 Principles of Biology	4	PSY 200 General Psychology	3
		SPE 103 Interpersonal Commun.	3
HED 221 Personal Health/Fitness	2	Foreign Language	3
	18	PHE Activity	1
			16

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Convergent/Reshape/Cultures	3
ENG 211 Intro. to Literature	3	PHY 201 Physical Science	3
EDU 221 Human Growth-Life Span Development	3	ECO 200 Survey of Economics OR	
BIO 301 Human Anatomy	3	POS 101 American Government	3
PHE 203 Tech. Team Sports I OR		PHE 204 Tech. Team Sports II	2
PHE 209 Tech. Tumb/Floor Exer.	2	PHE 210 Tech. Gymn. Apparatus	2
PHE 205 Tech. of Ind. Sports I	2	PHE 240 Interim. Swimming	1
	16	PHE 330 Physiology of Exercise	3
			17

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303, or 304	3
PHE 331 Kinesiology	3	PHE 320 Adapted Physical Ed.	3
REC 322 Rec. for Spec. Pop.	3	PHE 323 Prin. of P.E.	3
PHE 380 Coach. Compet. Athl.	2	PHE 324 Prev. and Care Ath. Inj.	3
PHE 381 Coach. Volley/Basketb. OR		PHE 382 Coach. Trk/Fld. Events OR	
PHE 383 Coach. Soccer/Football	2	PHE 384 Coach. Baseball/Softball	2
PHE 206 Tech. Ind. Sports II	2	PHE 207 Tech. Ind. Sports III OR	
HED 107 First Aid & Safety	2	PHE 208 Tech. Bowling/Golf	2
	17		16

SENIOR YEAR

Fall	Hours	Spring	Hours
PHE 401 Tests & Measurements	3	REC 400 Rec. Field Experience	3
REC 343 Org. & Admin. Play/Rec.	3	PHE 356 Sports Officiating II	3
PHE 421 Org. & Admin. H.P.E.	3	REC 364 Camping & Camp Counsel.	3
PHE 391 Psy. of Motor Learn. OR		PHE Endorsement/Minor Courses	6
PHE 390 Scientific Basis/Coach.	2		15
PHE Endorsement/Minor Courses	6		
	17		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

MILITARY SCIENCE/ARMY ROTC

The Military Science Program is open to both men and women and follows a general military science curriculum. The program is normally four years in length; however, it may be completed in two years if a student has had prior military service, has completed three or more years of Junior ROTC, or attends a six-week summer camp at Fort Knox, Kentucky. The primary objective of the Military Science Program, which is offered on an elective basis at Kentucky State University, is to provide junior officers for all branches of the active United States Army, the Army Reserve, and the Army National Guard.

Scholarships

Scholarships are available on a competitive basis to qualified students. These scholarships pay for tuition, books, and laboratory fees, and provide the recipient with a \$100 tax-free subsistence allowance each month of the academic year. Scholarship students incur a four-year active duty obligation, to be served after graduation.

Program

The normal four-year program consists of the successful completion of 23 credit hours of Army ROTC coursework, which qualifies a student to be commissioned as a second lieutenant in the United States Army. The requirements are MLS 101, 102, 201, 202, 301, 302, 303, 341, and 342. An alternative two-year program is available for students who have at least two academic years remaining until graduation and have not taken or completed the 100- or 200-level courses. This program is particularly suited to the community college or junior college graduate who is transferring to Kentucky State University. Interested students must attend a six-week basic camp (MLS 203) conducted at Fort Knox, Kentucky, during the summer. Successful completion of the Basic Camp enables those students to enroll in Military Science 300-level courses and complete the precommissioning program in two years. The requirement can be met at the undergraduate and graduate level of academic study. Under certain conditions, veterans and students who have participated in Junior ROTC for three years in high school are also eligible to complete the program in a two-year period. The requirements are MLS 203, 301, 302, 341, and 342.

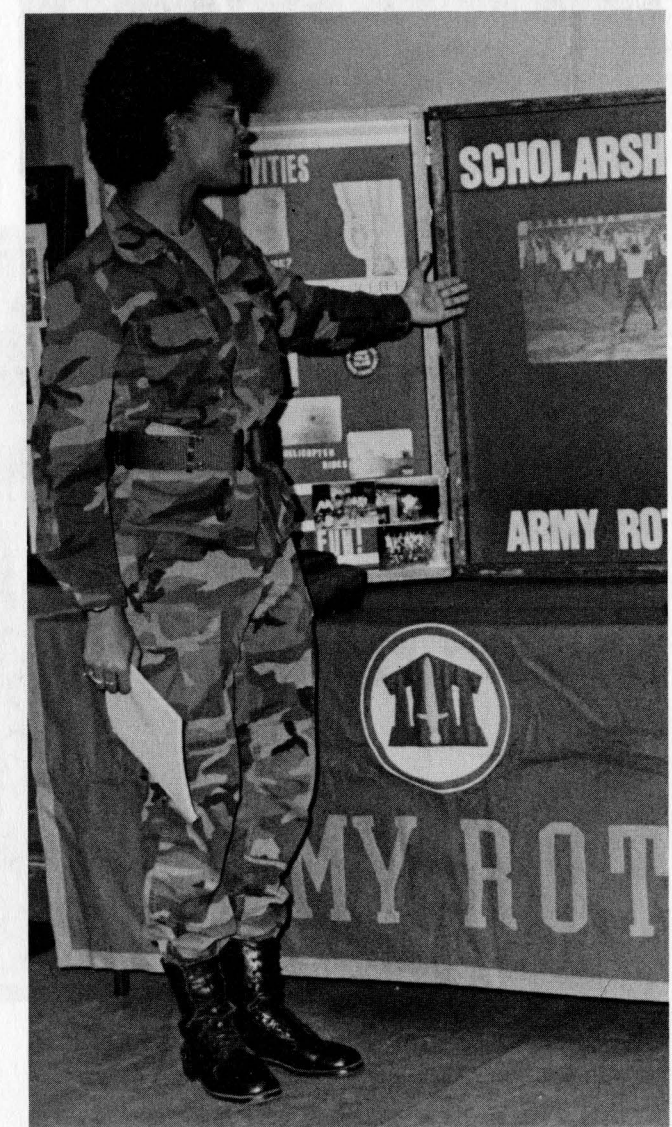
The basic courses are orientational in content and deal with introductory military and leadership skills, small unit tactics, military history, map reading, and civil military relations in a changing world. No military obligation is incurred by the completion of these courses.

The advanced courses focus on leadership, management, military skills, and command/staff responsibilities within military organizations and prepare students for their prospective roles as junior officers in the United

States Army. All junior and senior advanced Army ROTC students are eligible to receive \$100 per month for up to 10 months of the school year, and a military obligation is incurred. In addition, students are paid approximately \$670 during the summer(s) they attend and complete the Basic Camp and/or the Advanced Camp (MLS 303).

AEROSPACE STUDIES

Since 1978 Kentucky State University and the University of Kentucky have had an agreement whereby qualified Kentucky State University students may enroll in Air Force ROTC courses offered at the University of Kentucky. The General Military and the Professional Officer Courses at the University of Kentucky are available to Kentucky State University students. For more information, contact the University of Kentucky Detachment Commander at (606) 257-7115.



The Division of Literature, Languages, and Philosophy



Every culture expresses its most profound values and concerns in the form of stories and song, in the form of historical narrative and dramatic ritual, in lyrical expression and imaginative statements.

"Syllables govern the world" — so wrote the 17th century critic and man of letters, John Selden. And indeed, the study of literature includes not only works of the imagination but the whole of our written heritage. It includes the political writings of the *Federalist Papers* and the urgent speeches of Frederick Douglass. It includes historical works such as Gibbon's *Decline and Fall of the Roman Empire* and the philosophical works of Descartes and John Stuart Mill. It includes the artful imaginings of poets, Romantic and otherwise, and the prose of scientific investigators like Lavoisier or Neils Bohr. Literature includes every form of verbal expression that is valued not simply for the significance of its ideas, but for the particular and diverse ways in which those ideas are expressed.

In this tradition, Kentucky State's Division of Literature, Languages, and Philosophy offers coursework in periods of literature, in composition and linguistics, on individual authors and genres, in foreign languages, and in philosophy. The Division offers the Bachelor of Arts degree in English and certification in English Education. Details on the latter may be found in the section of this Catalogue on the Department of Education of the College of Applied Sciences.

Academic minors are offered in English, French, and Spanish, and courses are offered in German. Every course offered by the faculty of the Division emphasizes extensive writing assignments, and students are encouraged to take an active part in classroom discussion. Coursework in foreign languages emphasizes written and spoken communication skills, and efforts are made to confront students with the complex relationships that exist between literary traditions and the historical and cultural contexts out of which these traditions arise. Coursework in philosophy addresses fundamental questions about the nature and possibility of knowledge, problems of ethical value, questions about the nature of reality, and issues that arise in the making and criticism of works of art.

ENGLISH

Students who have earned below a "C" in any two English courses below the junior year level will not be permitted to major or minor in English. Further, each student must have the approval of the Chairperson of the

Division of Literature, Languages, and Philosophy before officially being accepted as a major or minor in English.

Major In English With A Minor or Dual Major

In order to satisfy the requirements for the Bachelor of Arts degree in English with a minor or dual major, students must complete a minimum of 36 credit hours in English coursework above the sophomore level. These credit hours must include ENG 213, 312, 322, 323, 324, 325, 337 or 341, 410, and 411, in addition to at least 9 credit hours of electives from English courses at the 300 or 400 level. An English major in the minimum 33-hour track must complete a minor or pursue a dual major.

Major In English Without A Minor

In order to satisfy the requirements for the baccalaureate in English without a minor, students must complete a minimum of 42 credit hours in English coursework above the sophomore level. These credit hours must include ENG 213, 312, 322, 323, 324, 325, 337, 341, 302 or 409, 410, and 411, in addition to at least 9 credit hours of electives from English courses at the 300 or 400 level.

Minor In English

A total of 18 credit hours of upper-level English courses

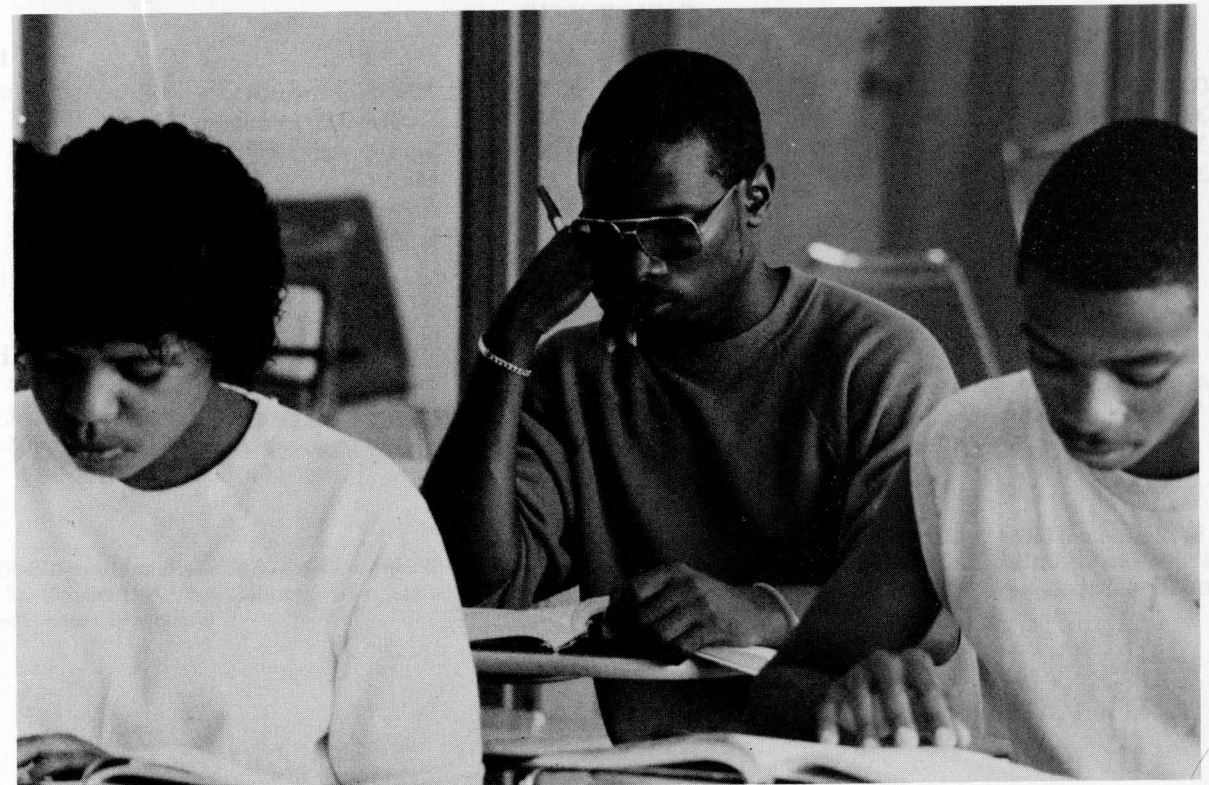
is required for this minor. Requirements are ENG 213, 312, 322 or 323, 324 or 325, 410, and 411; and 3 credit hours elected from any English course at the 300 or 400 level. These requirements are in addition to ENG 101 and 102.

The Reading Center

A course in Reading Comprehension is required of entering students whose performance on the Reading Placement Test indicates the need for supplementary reading instruction. Comprehension, reading rate, vocabulary, and study skills are topics emphasized. Small group instruction and individual attention are provided. Students may voluntarily utilize the Reading Center.

The Writing Clinic

The Division supervises the Writing Clinic. Students throughout the University may avail themselves of this service. Students are provided with individualized practice in the expression and organization of ideas in written form. In addition, attention is given to the development of skills in oral expression as they relate to the presentation of ideas expressed in writing.



Suggested Curriculum
BACHELOR OF ARTS IN ENGLISH WITH A MINOR OR DUAL MAJOR
Total Hours: 131

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
SPE 103 Interpersonal Commun.	3	ART 130 Introduction to Art OR	
MAT 110 Interm. Algebra or above	3	MUS 130 Introduction to Music	3
*Natural Science	3	HIS 103 Western Civilization	3
Foreign Language	3	BIO 101 Life Science	3
	<u>15</u>	Foreign Language	<u>3</u>
			15

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	ENG 213 Advanced Composition	3
PSY 200 General Psychology OR		IGS 201 Converge/Reshape/Cultures	3
SOC 203 Principles of Sociology	3	POS 101 American Government OR	
IGS 200 Found. of Western Culture	3	ECO 200 Survey of Economics	3
HED 221 Personal Health/Fitness OR		Electives	<u>9</u>
PHE Activity	2		18
Electives	<u>6</u>		
	17		

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303, or 304	3
ENG 322 Found. of English Lit.	3	ENG 323 English Lit/Johnson	3
ENG 324 Survey American Lit. I	3	ENG 325 Survey American Lit. II	3
ENG 312 World Literature	3	Minor Course	3
Minor Course	3	ENG 337 American Novel OR	
Elective	<u>3</u>	ENG 341 English Novel	<u>3</u>
	18		15

SENIOR YEAR

Fall	Hours	Spring	Hours
ENG 410 Linguistics	3	ENG 411 Shakespeare	3
Minor Courses	6	ENG Electives, 300/400 level	6
ENG Electives, 300/400 level	<u>6</u>	Minor Courses	<u>9</u>
	15		18

*May be chosen from BIO 112, CHE 109, PHY 111, OR PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum
BACHELOR OF ARTS IN ENGLISH WITHOUT A MINOR
Total Hours: 128

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
SPE 103 Interpersonal Commun.	3	ART 130 Introduction to Art OR	
MAT 110 Interm. Algebra or above	3	MUS 130 Introduction to Music	3
*Natural Sciences	3	HIS 103 Western Civilization	3
Foreign Language	3	BIO 101 Life Science	3
	<u>15</u>	Foreign Language	<u>3</u>
			15

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	ENG 213 Advanced Composition	3
PSY 200 General Psychology OR		IGS 201 Converge/Reshape/Cultures	3
SOC 203 Principles of Sociology	3	POS 101 American Government OR	
IGS 200 Found. of Western Culture	3	ECO 200 Survey of Economics	3
HED 221 Personal Health/Fitness OR		Electives	<u>9</u>
PHE Activity	2		18
Electives	<u>6</u>		
	17		

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303, or 304	3
ENG 322 Found. of English Lit.	3	ENG 323 English Lit/Johnson	3
ENG 324 Survey American Lit. I	3	ENG 325 Survey American Lit. II	3
ENG 337 American Novel	3	ENG 302 Women in Literature	3
Elective	3	Elective	<u>3</u>
ENG 312 World Literature	<u>3</u>		15
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
ENG 410 Linguistics	3	ENG 411 Shakespeare	3
ENG 341 English Novel	3	ENG Elective, 300/400 level	3
ENG 409 Lit. of Black Americans	3	Electives	<u>9</u>
ENG Electives, 300/400 level	<u>6</u>		15
	15		

*May be chosen from BIO 112, CHE 109, PHY 111, OR PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

MODERN FOREIGN LANGUAGES

Coursework in French, Spanish, and German is offered by members of the faculty of the Division of Literature, Languages, and Philosophy. Students may satisfy requirements for an academic minor in either French or Spanish. An academic minor consists of 24 credit hours, including the elementary courses (101 and 102).

Students without previous study of French or Spanish should take courses 101, 102, 201, 202, 203 and 204 in sequence. These courses should be followed by 311, 312, and 313, together with additional coursework in the literature and civilization of the language being studied (for example, in FRE 301, 302, 322 or 411; and in SPA 301, 302, 403 or 404).

A placement test is administered by the faculty in order to determine the placement of students in foreign language courses at the University. (See last paragraph this section.)

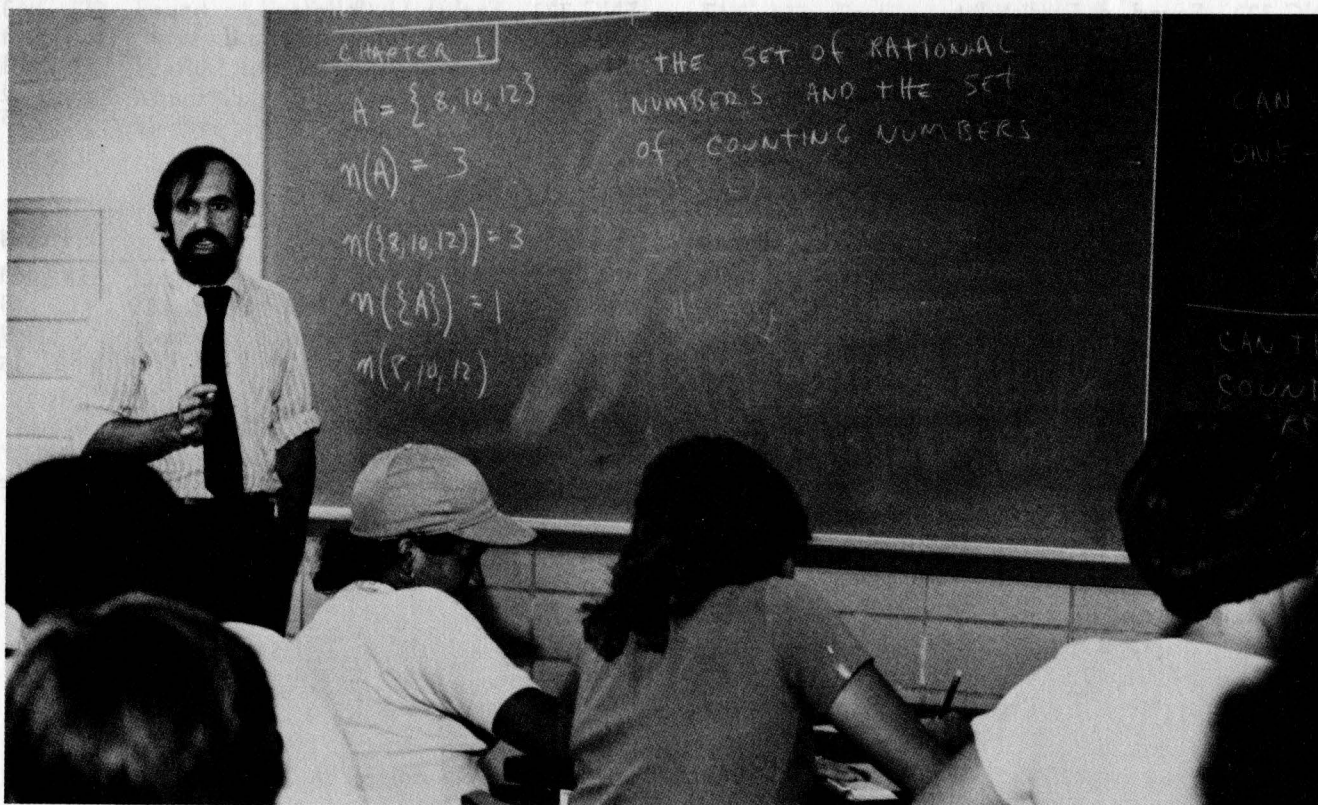
Courses in the 100, 200 and 300 series in both French and Spanish typically are offered every year. Continuation courses (101, 102 and 201, 202) may not be taken concurrently. Neither can an advanced or intermediate course be taken prior to completion of the appropriate elementary course. Elementary- and intermediate-level courses must be taken in sequence, but students may be placed in a more advanced course by means of a proficiency examination (see below).

Courses in Masterpieces of Spanish Literature in Trans-

lation (SPA 305) and Masterpieces of French Literature in Translation (FRE 303) are recommended to students who wish to enlarge their understanding of cultural and literary traditions.

Coursework in foreign languages emphasizes instruction in the fundamentals of grammar, syntax, and pronunciation. An aural/oral approach is followed. Students are encouraged to make active use of the language under study. Social events are organized for this purpose. In advanced courses, greater attention is given to verbal and written skills in the language. In addition, students work in small seminar groups with faculty members. Topics in cultural and literary traditions are considered.

Beginning in the fall of 1986, students who pursue a baccalaureate degree are required to complete 6 credit hours of a foreign language (101 and 102) as part of the Liberal Studies Requirements, or to demonstrate competency in a foreign language by making the necessary score on a placement examination or AP examination. (See the Catalogue section on Credit by Examination/Certification and for Life Experience.) Students who score from 75-89 on a placement examination will be placed in appropriate 102-level language courses and will be granted 3 credit hours for 101; students who score 90 or above on the placement examination will satisfy the liberal studies language requirement and will be granted 6 hours of credit (language 101 and 102).



The Division of Mathematics and Sciences

Inquiry into the nature of physical phenomena is among the most persistent of human concerns. During the past century, the scope and pace of such inquiry has broadened and accelerated, and its influence on our civilization has become pervasive. The discoveries and consequences of scientific inquiry have profoundly affected the human race — both in daily life and in practically all domains of intellectual life.

The Division of Mathematics and Sciences believes that an understanding of mathematics and the sciences is an indispensable part of a sound education. Coursework in the Division provides students with instruction that addresses fundamental issues in the broad range of scientific inquiry. The Division seeks to instill in students an appreciation of critical thinking as well as knowledge of specific subjects. Students who decide to major in one of the disciplines of the Division undertake specialized study and research in their chosen fields.

The Division offers majors in Applied Mathematics, Biology, Chemistry, Mathematics, and Medical Technology. The major in Mathematics leads to a Bachelor of Arts degree, and the others lead to a Bachelor of Science degree. A minor in Physics is also offered. The degrees in Biology and Mathematics may be obtained with certification to teach in public secondary schools. (See the Department of Education section of this Catalogue for details on these certification programs.) The student majoring in Applied Mathematics may pursue a five-year curriculum leading to a Bachelor of Science degree in Engineering from the University of Kentucky or the University of Maryland. More information about this program may be found in the subsection describing the Mathematics offerings.

The Division offers a curriculum leading to the Bachelor of Science degree in Medical Technology, as well as other programs related to the health professions. Students interested in medicine, dentistry, optometry, veterinary medicine, or other allied health fields should consult the Division Chairperson or the Pre-Health Professions Advisor. The following section of this Catalogue describing allied health offerings also contains information relevant to these fields.

ALLIED HEALTH AND PRE-HEALTH PROGRAMS

Allied Health and Medical Technology

Allied health offerings at Kentucky State University include medical technology, prephysical therapy, precytotechnology, prenuclear medicine technology, and pre-community health. The Division of Mathematics and Sciences offers a program leading to the Bachelor of

Science degree in Medical Technology. For the other programs listed, the Division offers coursework that prepares the student for admission to upper-level classes at a co-operating institution. Depending on the program, the co-operating institution at this time is either the School of Allied Health at the University of Louisville or the University of Kentucky School of Allied Health. The Medical Technology curriculum combines a minimum of three years (106 credit hours) of work at Kentucky State University with one year (36 credit hours) of clinical training at an accredited hospital school of medical technology.

Medicine and Dentistry

The Division offers uniquely attractive programs for Kentuckians entering medical or dental schools. The medical and dental schools of the University of Kentucky and the University of Louisville offer admission each year to a number of qualified Kentucky State graduates not exceeding three percent of the professional schools' entering classes.

Kentucky State students benefit from this arrangement because they compete for admission only with other qualified applicants from this University. No other college or university in Kentucky has been given this opportunity to establish such an advantageous program for its students.

The student must fulfill specific requirements to qualify for admission to a medical or dental school under this program. They include the following:

- Any major is acceptable, but students must complete at least one year of biology with laboratory, general chemistry, organic chemistry, one year of physics with laboratory, one year of college mathematics or one semester of calculus, one year of English, and other courses that will help assure success, such as those in advanced communication skills, logic or computer science, and psychology.
- A minimum grade-point average of 3.4 in all science courses and a minimum cumulative grade-point average of 3.4 are required for medical school. A minimum grade-point average of 3.0 in all science courses and a cumulative grade-point average of 3.0 are required for dental school.
- At least 24 out of 40 points on the nonacademic portion of the Total Performance Index are required. These points are determined by the medical schools in the following categories, each of which has a possible 10 points: humanitarian, cultural, and service activities; letters of recommendation from premedical advisors

and others; interpersonal and group leadership; under-represented minorities, special avocational or artistic or other professional accomplishments, and residency in medically or dentally underserved areas of Kentucky.

- Students must take the Medical College Admission Test or Dental Admission Test for reporting purposes; however, these examinations will not be used as admission criteria for students applying through the cooperative program.

Academic advisors at Kentucky State work closely with premedical and predental students to insure that they fulfill all of the requirements for admission to professional schools.

Students desiring more information about these programs should consult the Division Chairperson or the Pre-Health Professions Advisor as early in their academic careers as possible.

Veterinary Medicine

No colleges or universities in the Commonwealth of Kentucky offer training in veterinary medicine. However, the Kentucky Council on Higher Education administers a Southern Regional Education Board program in Kentucky through which qualified Kentucky-resident students may be accepted to the veterinary medicine schools of Auburn University and Tuskegee University. When this Catalogue was developed (in spring, 1986), the Council had contracted for 36 entering spaces annually: 34 at

Auburn, two at Tuskegee.

Students accepted under the regional plan are relieved of the obligation of paying out-of-state fees, and their expenses are identical to those of in-state students.

Formal applications must be filed through the Council on Higher Education, which reviews these applications and submits those selected to Auburn or Tuskegee for admission approval.

Any student interested in veterinary medicine should have completed 80 academic credit hours of preprofessional training with a minimum grade-point average of 2.5; however, preference is given to those students who have satisfied the requirements for a baccalaureate degree.

Interested students should consult the Division Chairperson or the Pre-Health Professions Advisor for further details and requirements.

Optometry

Optometry is the profession of examining the eyes for defects and faults of refraction and prescribing correctional lenses or exercises.

The Commonwealth of Kentucky sponsors a program that enables 15 qualified pre-optometry students who are Kentucky residents to gain admission each year to the Southern College of Optometry in Memphis, Tennessee, and the optometry schools of the University of Houston and the University of Alabama at Birmingham. Eight entering spaces are reserved at Southern, five at Houston, and two at the University of Alabama at Birmingham.



Suggested Curriculum BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Total Hours: 142-144

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	MAT 120 Precalculus	4
BIO 111 Principles of Biology	4	BIO 210 General Zoology	3
CHE 101 General Chemistry I	4	CHE 102 General Chemistry II	4
HIS 103 Western Civilization	3	BIO 109 Intro. to Allied Health	3
	17	HED 221 Personal Health/Fitness	2
			19

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry II	4
PSY 200 General Psychology	3	BIO 302 General Microbiology	4
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
IGS 200 Foreign Language	3	Foreign Language	3
ENG 211 Intro. to Literature	3	SPE 103 Interpersonal Commun.	3
*Elective	3-4		17
	19-20		

JUNIOR YEAR

Fall	Hours	Spring	Hours
CHE 315 Biochemistry I	4	BIO 310 Clinical Lab Tech.	4
BIO 404 Hematology	4	BIO 403 Immunology	3
BIO 405 Medical Microbiology	4	ECO 200 Survey of Economics OR	
IGS 300 New Forms of Culture	3	POS 101 American Government	3
ART 130 Introduction to Art OR		**IGS 301, 302, 303, or 304	3
MUS 130 Introduction to Music	3	*Elective	3-4
	18		16-17

SENIOR YEAR

Fall	Hours	Spring	Hours
Clinical Practicum	18	Clinical Practicum	18

*Limited Elective Choices (BIO 301, BIO 303, BIO 307, BIO 309, CHE 213, or CHE 314)

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

BIOLOGY

Biology is the science of living systems. The importance of Biology in today's world is self-evident. Instruction in Biology at Kentucky State provides students with a basic knowledge of the nature of living organisms. The curriculum includes study of viruses, bacteria, animals and plants, gene regulation, and theoretical and practical ecology. Students are encouraged to master basic principles of scientific inquiry while familiarizing themselves with the traditional aspects of a sound liberal education.

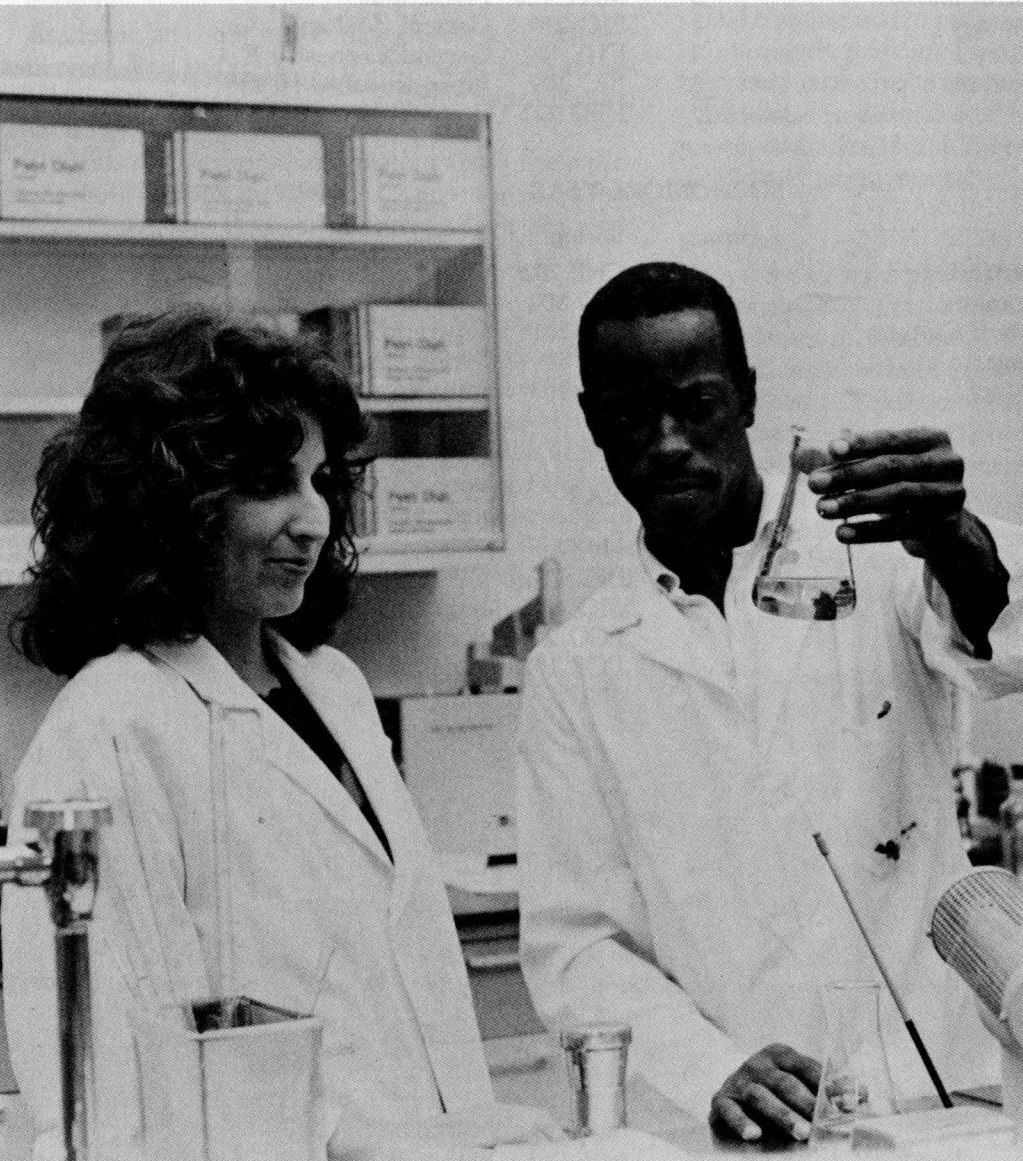
The Division of Mathematics and Sciences offers vari-

ous programs leading to the Bachelor of Science degree in Biology, both with and without teacher certification. Details on the latter may be found elsewhere in this Catalogue under the section on the Department of Education of the College of Applied Sciences. A minor in Biology is also offered.

In addition to satisfying the University's Liberal Studies Requirements (including BIO 111 and CHE 101), the Biology major is required to complete BIO 210, 212, 302, 303, 307, 401, 408 and 416 (Biology core requirements).

The Biology major also must complete at least 11 credit hours of Biology electives selected from BIO 201, 301, 304, 305, 308, 309, 310, 403, 404, 405, and 410.

Biology majors intending to satisfy the requirements for an academic minor in Chemistry may select CHE 315 in partial satisfaction of the Biology elective requirement for the Biology major. A Biology major is required to complete a minimum of 128 credit hours, at least 35 of which must be in Biology.



A Biology major may elect a curriculum that concentrates in Biological Health Sciences. This curriculum is suitable for students wishing to pursue careers in public health and is especially suitable for students preparing for admission to medical school. See the suggested ladder curriculum for degree requirements.

The minor in Biology requires the completion of 21 credit hours in Biology. All except one of the courses must be selected from the Biology core requirements.

Suggested Curriculum
BACHELOR OF SCIENCE IN BIOLOGY
Total Hours: 131-134

FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 111 Principles of Biology	4	BIO 210 General Zoology	3
MAT 110 Interim. Algebra or above	3	BIO 212 General Botany	3
ENG 101 English Composition I	3	MAT 120 Precalculus	4
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
SPE 103 Interpersonal Commun.	3	ART 130 Introduction to Art OR	
	16	MUS 130 Introduction to Music	3
		HED 221 Personal Health/Fitness OR	
		PHE Activity Course	2
			18

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
*BIO Elective	3-4	BIO 302 General Microbiology	4
CHE 101 General Chemistry I	4	CHE 102 General Chemistry II	4
MAT 201 Calculus I	5	ENG 211 Intro. to Literature	3
IGS 200 Found. of Western Culture	3	Foreign Language	3
Foreign Language	3	IGS 201 Converge/Reshape/Cultures	3
	18-19		17

JUNIOR YEAR

Fall	Hours	Spring	Hours
BIO 307 Genetics	3	BIO 303 Human Physiology	4
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry	4
PHY 207 Physics/Bio. Science I	4	PHY 208 Physics/Bio. Science II	4
Elective	3	Elective	3
IGS 300 New Forms of Culture	3		15
	17		

SENIOR YEAR

Fall	Hours	Spring	Hours
BIO 408 Cell Biology	4	BIO 416 Ecology	3
*BIO Elective	3-4	*BIO Elective	3-4
CHE 315 Biochemistry I	4	BIO 401 Biology Seminar	1
PSY 200 General Psychology	3	**IGS 301, 302, 303, or 304	3
Elective	3	POS 101 American Government OR	
	17-18	ECO 200 Survey of Economics	3
			13-14

*Elective Choices: BIO 201, 301, 304, 305, 308, 309, 310, 403, 404, 405 and 410

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum
BACHELOR OF SCIENCE IN BIOLOGY
(Biological Health Sciences)

Total Hours: 139

FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 111 Principles of Biology	4	BIO 210 General Zoology	4
MAT 110 Interm. Algebra or above	3	MAT 120 Precalculus	4
HIS 103 Western Civilization	3	HED 223 Principles of Health Ed.	3
ENG 101 English Composition I	3	ENG 102 English Composition II	3
HED 221 Personal Health/Fitness	2	SPE 103 Interpersonal Commun.	3
ART 130 Introduction to Art OR			17
MUS 130 Introduction to Music	3		
	18		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
CHE 101 General Chemistry I	4	CHE 102 General Chemistry II	4
MAT 201 Calculus I	5	Foreign Language	3
BIO 301 Human Anatomy	3	BIO 302 General Microbiology	4
Foreign Language	3	BIO 109 Intro. to Allied Health	3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
	18		17

JUNIOR YEAR

Fall	Hours	Spring	Hours
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry II	4
PHY 207 Physics/Biol. Science I	4	PHY 208 Physics/Biol. Science II	4
BIO 307 Genetics	3	*Electives	6
*Elective	3		14
	14		

SENIOR YEAR

Fall	Hours	Spring	Hours
CHE 315 Biochemistry I	4	BIO 303 Human Physiology	4
ENG 211 Intro. to Literature	3	BIO 401 Biology Seminar	1
IGS 300 New Forms of Culture	3	ECO 200 Survey of Economics OR	
PSY 200 General Psychology	3	POS 101 American Government	3
*Electives	8	**IGS 302 301, 302, 303, or 304	3
	21	Electives	9
			20

*Elective Choices: BIO 212, 220, 304, 308, 309, 310, 403, 404, 405, and 408; CHE 316; ENG 213 and 216; FNU 104, 403, 421, and 422

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

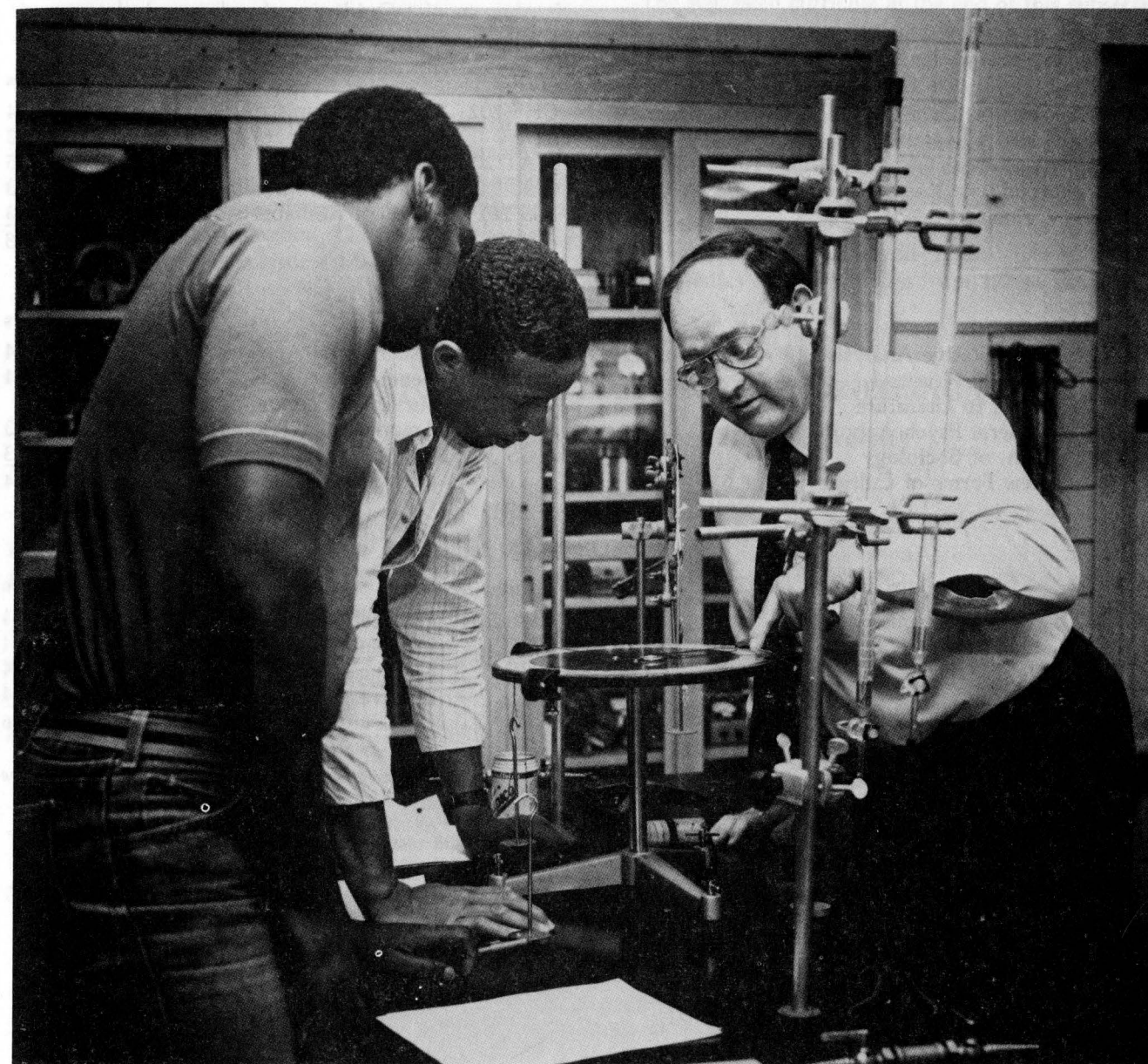
CHEMISTRY

The science of Chemistry is concerned with the structure, composition, and reactions of matter. Instruction in Chemistry seeks to familiarize the student with current views of these concepts. The relevance of Chemistry is readily apparent. The universe and the life forms it contains are chemical systems undergoing specific chemical reactions. To understand the universe and ourselves, it is necessary to understand the laws governing these chemical systems. A deeper knowledge of Chemistry is necessary to solve many of humanity's problems: feeding the hungry, healing the sick, and bettering living conditions in general. Coursework in Chemistry considers both experimental and theoretical topics and emphasizes their interdependence.

The Division of Mathematics and Sciences offers a program leading to the Bachelor of Science degree in Chemistry. A minor in Chemistry is also offered.

The courses required for a major in Chemistry are CHE 101, 102, 201, 202, 203, 307, 308, 312, 314, and 315. The support courses required for a major in Chemistry are MAT 120, 201, 202, and 301; one additional upper-level Mathematics course; and PHY 211 and 212. The student must earn a grade of at least "C" in the support courses.

The requirements for the academic minor in Chemistry are CHE 101, 102, 201 and 202; and either CHE 203, 307, 312, or 315. A total of 20 credit hours is required for this minor.



Suggested Curriculum
BACHELOR OF SCIENCE IN CHEMISTRY
Total Hours: 133-135

FRESHMAN YEAR

Fall	Hours	Spring	Hours
CHE 101 General Chemistry I	4	CHE 102 General Chemistry II	4
MAT 110 Interm. Algebra or above	3	MAT 120 Precalculus	4
ENG 101 English Composition I	3	ENG 102 English Composition II	3
HIS 103 Western Civilization	3	ART 130 Introduction to Art OR	
BIO 111 Principles of Biology	4	MUS 130 Introduction to Music	3
	17	SPE 103 Interpersonal Commun.	3
		HED 221 Personal Health/Fitness OR	
		PHE Activity	2
			19

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry II	4
	3	Foreign Language	3
COS 101 Fund. Micro Prog./BASIC	3	MAT 202 Calculus II	5
IGS 200 Found. of Western Culture	3	COS 110 Computer Programming I	3
MAT 201 Calculus I	5	IGS 201 Converg/Reshape/Cultures	3
	18		18

JUNIOR YEAR

Fall	Hours	Spring	Hours
CHE 203 Quantitative Analysis	4	CHE 314 Instrumental Analysis	4
PHY 211 General Physics I	4	PHY 212 General Physics II	4
ENG 211 Intro. to Literature	3	ECO 200 Survey of Economics OR	
PSY 200 General Psychology OR		POS 101 American Government	3
SOC 203 Prin. of Sociology	3	*IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3		14
	17		

SENIOR YEAR

Fall	Hours	Spring	Hours
CHE 307 Physical Chemistry I	4	CHE 308 Physical Chemistry II	4
CHE 315 Biochemistry I	4	CHE 312 Inorganic Chemistry	4
	3-4	CHE Elective	4
CHE Elective	4	CHE Elective	3-4
	15-16		15-16

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

MATHEMATICS AND PHYSICS

Knowledge of mathematical facts and procedures is indispensable to a satisfactory understanding of every field of science. This is true for both the physical and biological sciences. Even the humanities are influenced by the traditions of mathematical knowledge. Mathematical skills and processes are central to the development and practice of critical thought and expression. Physics is the science that seeks to employ mathematics to explain the universe and its phenomena. Courses in Mathematics and Physics are designed to integrate theoretical and practical topics.

The Division of Mathematics and Sciences offers degrees in Applied Mathematics (a double-degree pre-engineering course of study) and in Mathematics. The latter may be with teacher certification; details on this option may be found elsewhere in this Catalogue under the Department of Education of the College of Applied Science. Minors in Mathematics and Physics are also offered.

All students entering Kentucky State University who have not met the liberal studies math requirements are given a math placement examination. Students are placed in appropriate math courses on the basis of their performance on this examination. The placement examination is a prerequisite for some Mathematics courses.

Applied Mathematics (Pre-Engineering)

The Applied Mathematics (Pre-engineering) major is a five-year course of study offered jointly by Kentucky State University and two other institutions. A student currently may choose the University of Kentucky or the University of Maryland. The student in this program attends Kentucky State University for three years of study in the pre-engineering area of his/her choice and then transfers to the second institution for two additional years of work. Upon successful completion of the first year at the second institution, the student is awarded the Bachelor of Science degree in Applied Mathematics by Kentucky State University. The student is awarded the Bachelor of Science in his/her chosen field of engineering by the second institution after the final year of study.

The suggested curricula at the end of this subsection list the courses for the student who chooses the University of Kentucky for the final two years of study. Courses at the University of Maryland are essentially the same, and a listing may be obtained from the Pre-engineering Advisor. Note that each engineering specialization has its own curriculum. Descriptions of courses required at the University of Kentucky and the University of Maryland may be found in those universities' catalogues. The total number of credit hours in the Applied Mathematics curricula ranges from 132 to 144.

Suggested Curriculum
BACHELOR OF SCIENCE FOR THE DOUBLE-DEGREE ENGINEERING PROGRAM
(Work to be completed at Kentucky State University)

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 201 Calculus I	5	MAT 202 Calculus II	5
CHE 101 General Chemistry I	4	CHE 102 General Chemistry II	4
HIS 103 Western Civilization	3	ART 130 Introduction to Art OR	
*PSY 200 General Psychology OR		MUS 130 Introduction to Music	3
*SOC 203 Prin. of Sociology	3	*ECO 200 Survey of Economics OR	
PHE Activity	1	*POS 101 American Government	3
	19	PHE Activity	1
			19

*Civil and Mining Engineering students should take ECO 211 and ECO 212 instead of PSY 200, SOC 203, ECO 200, or POS 101 at this time. Mechanical Engineering students should take ECO 211 during second semester.

Note: The University of Kentucky requirements listed are those in effect at the time of publication of this Catalogue (spring, 1986).

Suggested Curriculum AGRICULTURAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
Foreign Language	3	Foreign Language	3
PHY 211 General Physics I	4	PHY 212 General Physics II	4
BIO 111 Principles of Biology	4	BIO 212 General Botany	3
COS 110 Computer Programming I	3	COS 210 Computer Programming II	3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
	<u>17</u>		<u>16</u>

JUNIOR YEAR

Fall	Hours	Spring	Hours
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations	3
MAT 321 Prob. and Statistics OR		PHY 340 Electricity and Magnetism	4
MAT 315 Numerical Analysis	3	PHY 361 Modern Physics	4
PHY 311 Statics	3	ENG 211 Intro. to Literature	3
PHY 320 Thermodynamics	4	*IGS 301, 302, 303, or 304	3
IET 101 Engineering Drafting I	3		<u>17</u>
IGS 300 New Forms of Culture	3		
	<u>19</u>		

(Work to be completed at the University of Kentucky)

Four-Week Intersession	Eight-Week Summer Session
None	None

SENIOR YEAR

Fall	Hours	Spring	Hours
AEN 100 Surveying	1	AEN 417G Intro./Design/Agri. Mach.	3
AEN 102 Agricultural Eng. Probs.	1	AEN 437G Soil/Water Conserv. Engn.	3
EM 302 Mech. of Deform. Solids	3	EE 305 Elect/Circuits/Electron. OR	
EM 303 Deformable Solids Lab	1	EE 306 Elect/Circuits/Machinery	3
EM 313 Dynamics	3	ME 325 Elements of Heat Trans.	3
ME 330 Fluid Mechanics	3	Technical Electives	1-3
	<u>12</u>		<u>13-15</u>

Four-Week Intersession	Eight-Week Summer Session
None	None

FIFTH YEAR

Fall	Hours	Spring	Hours
AEN 007 The Engin. Profession	0	Technical Electives	12
AEN 427G Design/Agri. Structures	3		
AEN 447G Processing/Food Engin.	3		
Technical Electives	6		
	<u>12</u>		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum CHEMICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
Foreign Language	3	Foreign Language	3
PHY 211 General Physics I	4	PHY 212 General Physics II	4
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry II	4
COS 110 Computer Programming I	3	COS 210 Computer Programming II	3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
	<u>17</u>		<u>17</u>

JUNIOR YEAR

Fall	Hours	Spring	Hours
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations	3
PHY 311 Statics	3	PHY 340 Electricity and Magnetism	4
CHE 307 Physical Chemistry I	4	PHY 361 Modern Physics	4
ENG 211 Intro. to Literature	3	CHE 308 Physical Chemistry II	4
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303, or 304	3
	<u>16</u>		<u>18</u>

(Work to be completed at the University of Kentucky)

Four-Week Intersession	Hours	Eight-Week Summer Session	Hours
CME 205 Process Principles I	3	CME 210 Process Principles II	3

SENIOR YEAR

Fall	Hours	Spring	Hours
CME 220 Engin. Thermodynamics	3	CME 006 The Engin. Profession	0
ME 330 Fluid Mechanics	3	CME 412 Stages Mass Trans. Proc.	2
EE 305 Electrical Circuits	3	CME 422 Rate Mass Transfer Proc.	3
Elective (Math)	3	ME 325 Elements of Heat Trans.	3
	<u>12</u>	MET 201 Materials Science	3
		Elective	1-3
			<u>12-14</u>

Four-Week Intersession	Eight-Week Summer Session
None	None

FIFTH YEAR

Fall	Hours	Spring	Hours
CME 007 The Engin. Profession	0	CME 008 The Engin. Profession	0
CME 431 Chemical Engin. Lab	2	CME 432 Chemical Engin. Lab	2
CME 455 Chem. Engin. Proc./I	3	CME 456 Chem. Engin. Proc./II	3
CME 550 Chem. Reactor Design	3	CME 462 Process Control	3
CME 570 Chem. Sep./Meas. Chem.	3	CME Elective	3
Electives	1-3	Electives	1-3
	<u>12-14</u>		<u>12-14</u>

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum CIVIL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
Foreign Language	3	Foreign Language	3
PHY 211 General Physics I	4	PHY 212 General Physics II	4
COS 110 Computer Programming I	3	COS 210 Computer Programming II	3
ENG 211 Intro. to Literature	3	IGS 201 Converg/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3		13
	16		

JUNIOR YEAR

Fall	Hours	Spring	Hours
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations	3
MAT 321 Prob. and Statistics OR		PHY 340 Electricity and Magnetism	4
MAT 315 Numerical Analysis	3	PHY 361 Modern Physics	4
PHY 311 Statics	3	PSY 200 General Psychology OR	
IET 101 Engineering Drafting	3	SOC 203 Principles of Sociology	3
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303, or 304	3
	15		17

(Work to be completed at the University of Kentucky)

Four-Week Intersession	Eight-Week Summer Session
None	None

SENIOR YEAR

Fall	Hours	Spring	Hours
ME 220 Engin. Thermodynamics I	3	CE 380 Structural Mechanics	3
CE 100 Plane Surveying	3	CE 425G Soil Mechanics	3
CE 101 Civil Engin. Profession	1	EM 313 Dynamics	3
EM 302 Mech./Deform. Solids	3	CE 330 Fluid Mechanics	3
EM 303 Deformable Solids Lab	1	MET 201 Materials Science	3
GLY 240 Elem. Geology/Engineers	4		15
	15		

Four-Week Intersession	Hours	Eight-Week Summer Session
CE 215 Route, Control and Topographic Profession	4	None

FIFTH YEAR

Fall	Hours	Spring	Hours
CE 301 Civil Engin. Materials	2	CE 371 Seminar	1
CE 340 Transportation Eng.	3	EE 305 Elect. Circuits/Electron. OR	
CE 351 Hydraulic Appl./Exper.	2	EE 306 Elect. Circuits/Machinery	3
CE 355 Water Quality Engineer.	3	Design Elective	3
Technical Elective	3	Technical Electives	9
CE 206 Descriptive Geometry	2		16
	15		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum ELECTRICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
Foreign Language	3	Foreign Language	3
PHY 211 General Physics I	4	PHY 212 General Physics II	4
COS 110 Computer Programming I	3	COS 210 Computer Programming II	3
ENG 211 Intro. to Literature	3	IGS 201 Converg/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3		13
	16		

JUNIOR YEAR

Fall	Hours	Spring	Hours
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations	3
MAT 321 Prob./Statistics OR		PHY 340 Electricity and Magnetism	4
MAT 315 Numerical Analysis	3	PHY 361 Modern Physics	4
PHY 311 Statics	3	*IGS 301, 302, 303, or 304	3
PHY 320 Thermodynamics	4		14
IGS 300 New Forms of Culture	3		
	16		

(Work to be completed at the University of Kentucky)

Four-Week Intersession	Hours	Eight-Week Summer Session	Hours
EE 211 Intro. Circuits I	4	EE 221 Circuits II	3
		EE 222 Electrical Engin. Lab I	2
			5

SENIOR YEAR

Fall	Hours	Spring	Hours
EE 420G Electrical Engin. Anal.	3	EE 416G Electrical Engin. Lab III OR	
EE 480G Logical Design	3	EE 481 Logical Design Lab	2
EE 415G Electromechanics I	3	EE 468G Fields and Waves	3
Technical Elective	3	Technical Elective	3
	12	Engin./Science Electives	6
			14

Four-Week Intersession	Eight-Week Summer Session
None	None

FIFTH YEAR

Fall	Hours	Spring	Hours
EE 471G Linear Feedback Ctrl.	3	EE 371 Seminar	1
EE 403G Advanced EE Lab I	2	Technical Electives	6
EE 461G Electronic Circuits I	3	Electives	5-6
EE 462G Elect. Engin. Lab II	2		12-13
Technical Elective	3		
	13		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum MECHANICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR

Fall		Hours	Spring		Hours
	Foreign Language	3		Foreign Language	3
PHY 211	General Physics I	4	PHY 212	General Physics II	4
COS 110	Computer Programming I	3	COS 210	Computer Programming II	3
ENG 211	Intro. to Literature	3	IET 101	Engineering Drafting	3
IGS 200	Found. of Western Culture	3	IGS 201	Converg/Reshape/Cultures	3
		16			16

JUNIOR YEAR

Fall		Hours	Spring		Hours
MAT 301	Multivariate Calculus	3	MAT 303	Differential Equations	3
MAT 321	Prob./Statistics OR		PHY 340	Electricity and Magnetism	4
MAT 315	Numerical Analysis	3	PHY 361	Modern Physics	4
IGS 300	New Forms of Culture	3	*IGS 301,302, 303, or 304		3
	Electives	6			14
		15			

(Work to be completed at the University of Kentucky)

Four-Week Intersession

None

Eight-Week Summer Session

None

SENIOR YEAR

Fall		Hours	Spring		Hours
ME 101	Orient./Mech. Engin.	1	ME 321	Engin. Thermodynamics	3
ME 151	Manufacturing Engin.	3	ME 330	Fluid Mechanics	3
ME 220	Engin. Thermodynamics	3	ME 302	Mech. of Deformable Solids	3
EM 221	Statics	3	EM 313	Dynamics	3
MET 201	Materials Science	3	ME 310	Engin. Experimentation	3
		13			15

Four-Week Intersession

None

Eight-Week Summer Session

None

FIFTH YEAR

Fall		Hours	Spring		Hours
ME 007	Engin. Profession	0	ME 008	Engin. Profession	0
ME 344	Mechanical Design	3	ME 312	Engin. Experimentation	3
ME 311	Engin. Experimentation	3	ME 343	Control Systems Analysis	3
EE 305	Electrical Circuits/El.	3		Technical Electives	6
	Technical Elective	3	EE 306	Electrical Circuits/Mach.	3
ME 371	Seminar	1			15
ME 325	Elements/Heat Trans.	3			
		16			

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum METALLURGICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR

Fall		Hours	Spring		Hours
	Foreign Language	3		Foreign Language	3
PHY 211	General Physics I	4	PHY 212	General Physics II	4
CHE 201	Organic Chemistry I	4	CHE 202	Organic Chemistry II	4
COS 110	Computer Programming I	3	COS 210	Computer Programming II	3
IGS 200	Found. of Western Culture	3	IGS 201	Converg/Reshape/Cultures	3
		17			17

JUNIOR YEAR

Fall		Hours	Spring		Hours
MAT 301	Multivariate Calculus	3	MAT 303	Differential Equations	3
PHY 311	Statics	3	PHY 340	Electricity and Magnetism	4
MAT 321	Prob. and Statistics OR		PHE 361	Modern Physics	4
MAT 315	Numerical Analysis	3	IET 101	Engineering Drafting	3
ENG 211	Intro. to Literature	3	*IGS 301, 302, 303, or 304		3
IGS 300	New Forms of Culture	3			17
		15			

(Work to be completed at the University of Kentucky)

Four-Week Intersession

CME 205 Process Principles I

Hours

2

Eight-Week Summer Session

CME 210 Process Principles II

Hours

2

SENIOR YEAR

Fall		Hours	Spring		Hours
MET 101	Materials Engineering	1	MET 102	Materials Engineering	1
MET 201	Materials Science	3	MET 202	Materials Science	1
CME 220	Engin. Thermodynamics	3	MET 362	Structure/Prop. Alloys II	4
ME 330	Fluid Mechanics	3	ME 325	Elements of Heat Transfer	3
MET 361	Struct/Prop. Alloys I	4	MET 451	Metallurgical Thermodynam.	3
		<u>14</u>			<u>12</u>

Four-Week Intersession

None

Eight-Week Summer Session

None

FIFTH YEAR

Fall		Hours	Spring		Hours
MET 535	Mechanical Metallurgy	3	ME 359	Management Engineering	3
MET 442	Extractive Metallurgy	4	MET 550	Corrosion	3
EE 305	Electrical Circuits/El.	3	MET 538	Deformation Processing	4
	Elective	3		Elective	3
		13			13

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum MINING ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
	3	Foreign Language	3
PHY 211 General Physics I	4	PHY 212 General Physics II	4
COS 110 Computer Programming I	3	COS 210 Computer Programming II	3
ENG 211 Intro. to Literature	3	IET 101 Engineering Drafting	3
IGS 200 Found. of Western Culture	3	IGS 201 Conver/Reshape/Cultures	3
	<u>16</u>		<u>16</u>

JUNIOR YEAR

Fall	Hours	Spring	Hours
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations	3
MAT 307 Linear Algebra OR		PHY 340 Electricity and Magnetism	4
MAT 315 Numerical Analysis	3	PHY 361 Modern Physics	4
PHY 311 Statics	3	PSY 200 General Psychology OR	
PHY 320 Thermodynamics	4	SOC 203 Principles of Sociology	3
IGS 300 New Forms of Cultures	3	*IGS 301, 302, 303, or 304	3
	<u>16</u>		<u>17</u>

(Work to be completed at the University of Kentucky)

Four-Week Intersession	Eight-Week Summer Session
None	None

SENIOR YEAR

Fall	Hours	Spring	Hours
CE 100 Plane Surveying	3	ME 330 Fluid Mechanics	3
GLY 240 Elem. Geology/Engineers	4	MNG 332 Mine Plant Machinery	3
MNG 121 Elements of Mining	3	STA 381 Intro. to Engin. Statist.	3
EM 302 Mech. of Deform. Solids	3	MNG 301 Minerals Processing	3
EM 303 Deformable Solids Lab	1	CE 380 Structural Mechanics	3
	<u>14</u>		<u>15</u>

Four-Week Intersession	Hours	Eight-Week Summer Session
CE 215 Route, Control and Topographic Surveying	4	None

FIFTH YEAR

Fall	Hours	Spring	Hours
AEN 437G Soil/Water Conservation	3	MNG 551 Rock Mechanics	3
MNG 341 Mine Ventilation	3	MNG 431 Mine Systems Engineering	3
MNG 451 Physical Prop/Rock Mas.	2	MNG 562 Mine Design Project	3
MNG 563 Surface Mining	3	MNG 371 Seminar	1
EE 306 Elect. Circuits/Mach. Technical Elective	3	Technical Electives	6
	<u>3</u>		<u>16</u>
	<u>17</u>		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Major in Mathematics

The requirements for a major in Mathematics are MAT 201, 202, 301, 401 and 403; MAT 402 or 404; and four additional courses selected from MAT 206, 303, 307, 315, 321, 402, 404, 411, and 460. On the basis of placement examination scores, students may also be required to complete MAT 100, 110 or 120. Majors in Mathematics are required to complete, as support courses, two semesters of a computer language and PHY 211 and 212 with a grade of "C" or higher in each of these courses. This curriculum requires a minimum of 34 credit hours of

Mathematics and a total of at least 128 credit hours.

Minor in Mathematics

The courses required for a minor in Mathematics are MAT 201, 202, and 301; and two additional upper-division Mathematics courses (excluding MAT 314).

Minor in Physics

The courses required for a minor in Physics are PHY 211, 212, 311 or 312, 320, 340, and 361.



Suggested Curriculum
BACHELOR OF ARTS IN MATHEMATICS
Total Hours: 129-134

FRESHMAN YEAR

	Hours	Spring	Hours
Fall			
ENG 101 English Composition I	3	ENG 102 English Composition II	3
*MAT 110 Interm. Algebra or above	3	*MAT 120 Precalculus	4
BIO 101 Life Science	3	SPE 103 Interpersonal Commun.	3
HIS 103 World Civilization	3	COS Computer Language	3
COS Computer Language	3	ART 130 Introduction to Art OR	
PHE Activity Course OR		MUS 130 Introduction to Music	3
HED 221 Personal Health/Fitness	2		16
	17		

SOPHOMORE YEAR

	Hours	Spring	Hours
Fall			
MAT 201 Calculus I	5	MAT 202 Calculus II	5
ENG 211 Intro. to Literature	3	SOC 203 Principles of Sociology OR	
POS 101 American Government OR		PSY 200 General Psychology	3
ECO 200 Survey of Economics	3	IGS 201 Converge/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	Foreign Language	3
Foreign Language	3	Elective	3-4
	17		17-18

JUNIOR YEAR

	Hours	Spring	Hours
Fall			
MAT 301 Multivariate Calc.	3	**MAT Electives	6
*MAT Elective	3	PHY 212 General Physics II	4
PHY 211 General Physics I	4	***IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3	Elective	3-4
Elective	3-4		16-17
	16-17		

SENIOR YEAR

	Hours	Spring	Hours
Fall			
MAT 401 Modern Algebra I	3	MAT 402 Modern Algebra II OR	3
MAT 403 Real Analysis I	3	MAT 404 Real Analysis II	3
Electives	9-10	**MAT Elective	9-10
	15-16	Electives	15-16

*May be bypassed via the Mathematics Placement Test.

**Mathematics electives must be selected from MAT 206, 303, 307, 315, 321, 402, 404, 411, and 460.

***IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Whitney M. Young, Jr. College of Leadership Studies

Minds are sort of like houses; we live in them and we put particular kinds of furniture in them. Their furnishings are more important than the furnishings of our houses, though, because we live in our minds all the time, unless we are besotted, numbed by drugs or alcohol, so that our minds are simply dark inside. The question is one of what furniture to put into one's mind. The right kind of furniture of the mind is the basis of independence—and it is the only one.

—Edwin J. Delattre

Reflecting Kentucky State University's commitment to breadth and excellence in learning is the Whitney M. Young, Jr. College of Leadership Studies. Named for the late Whitney M. Young, Jr. — executive director of the National Urban League from 1961 to 1971, distinguished leader of the American civil rights movement, and graduate of Kentucky State University — the College aims through its special curriculum to develop in its students those qualities of leadership exemplified by Mr. Young.

The curriculum strives to develop habits of careful reading and listening, of asking relevant and responsible questions, of critical perception, and of independent thought that can produce leaders in public life, business, and the professions. Students are encouraged to develop skills of intellect and imagination that are not restricted to any particular training or discipline and to reach toward the fundamental questions that confront all human beings, whatever they do in life.

The College requires all entering students to follow a common program based neither on current textbooks nor divided by academic departments, but developed out of enduring works of literature, history, philosophy, theology, mathematics, and science.

The educational model upon which the pedagogy in the Whitney Young College is based is as old as the Platonic dialogues. In the United States, the Whitney Young College Program is in a direct line of development from the distinguished "Great Books" programs at such institutions as St. John's College, the University of Chicago, and Columbia University. Whitney Young College is also in a constantly evolving relationship with other elements in the Kentucky State University milieu, which may necessitate some modifications of the curriculum over the biennium covered by this Catalogue. Prospective students should be aware of this possibility.

All classes proceed by discussion. Class size ranges from 10 to 20 students.



The course of studies in the first two years of Whitney Young College, taken in its entirety, provides an alternate way of fulfilling all of the University's Liberal Studies Requirements.

WHITNEY YOUNG COLLEGE COURSES AND EQUIVALENTS OF THE LIBERAL STUDIES REQUIREMENTS

Semester	WYC Courses	Hours	Equivalent Liberal Studies Requirements	Hours
1	WYC 111 Language I	4	Foreign Language	3
	WYC 121 Math-Science I	4	Math Requirement	3
	WYC 101 Seminar I	4	IGS 200	3
2	WYC 112 Language II	4	Foreign Language	3
	WYC 122 Math-Science II	4	Science Requirement	3
	WYC 102 Seminar II	4	HIS 103	3
3	WYC 211 Language III	4	ENG 102	3
	WYC 221 Math-Science III	4	Science Requirement	3
	WYC 201 Seminar III	4	IGS 201	3
4	WYC 212 Language IV	4	*SPE 102	3
	WYC 222 Math-Science IV	4	**ENG 101	3
	WYC 202 Seminar IV	4	ENG 211	3
			Science Requirement	3
			IGS 300	3

*SPE 103 fulfilled through accumulation of 3 hours of credit from WYC 101, 102, and 201 (1 credit hour each)
 **ENG 101 fulfilled through accumulation of 3 hours of credit from WYC 111, 112, and 211 (1 credit hour each)

An Associate of Arts degree in Liberal Studies is available through the University's Community College to students who have completed the first two years of study in Whitney Young College, have taken appropriate electives, and have at least 67 credit hours. An alternate route to this degree is also available through the University's Community College to students outside the Whitney Young College.

Students who major in Whitney Young College and fulfill other University requirements will receive the degree of Bachelor of Arts in Liberal Studies.

Whitney Young students take part in all activities of the University, such as social and academic clubs, student government, choir, band, and intramural and intercollegiate athletics.

THE FRESHMAN YEAR

The Seminar, 4 credit hours each semester, is the center of the program. Two instructors and about 15 students gather around a table twice a week in the evening for two hours. Seminars begin with a question and proceed with discussion. There are a few introductory remarks and no lectures. Every effort is made to promote a direct confrontation between the students and the author or text under discussion. Individual reading assignments vary from 25 to 150 pages, depending on the difficulty of the material.

The readings begin with Homer and Plato. They include Greek drama, Thucydides' *History*, and selected works of Aristotle, and then move on to three Roman authors: Lucretius, Virgil, and Marcus Aurelius. The



freshman year concludes with a long sequence from the Bible.

The Freshman Language Tutorial, 4 credit hours each semester, consists of two components: (1) instruction in the elements of the grammar of Homeric Greek with particular application to translation of the first book of the *Iliad*; and (2) an English writing component, emphasizing composition and rhetoric.

The Mathematics-Science Tutorial, 4 credit hours each semester, begins with the first great work in mathematics, Euclid's *Elements*, and continues with Ptolemy and the application of mathematics to the physical world. It then explores the shift from Ptolemy's earth-centered universe to the Copernican solar system.

Electives, 3 to 6 credit hours each semester, can be used for elective courses in such fields as business, computer science, or English, or to initiate a pre-medical sequence of courses at Kentucky State University. Attendance at certain convocations or lectures throughout the academic year may be required of all students as an integral part of the curriculum.

FRESHMAN YEAR CURRICULUM

Fall	Hours	Spring	Hours
WYC 101 Seminar I	4	WYC 102 Seminar II	4
WYC 111 Language I	4	WYC 112 Language II	4
WYC 121 Math-Science I	4	WYC 122 Math-Science II	4
Electives, or Major, or Minor Courses	3-6	Electives, or Major, or Minor Courses	3-6
	15-18		15-18

THE SOPHOMORE YEAR

The Seminar, 4 credit hours each semester, begins with Augustine, then moves on to such medieval authors as Thomas Aquinas, Dante, and Chaucer, and goes on to Luther and Descartes. The readings include many of Shakespeare's plays; a series of political writers — Machiavelli, Hobbes, and Locke; Swift's *Gulliver's Travels*; Adam Smith's *Wealth of Nations*; and the poetry of Blake.

The Sophomore Language Tutorial, 4 credit hours each semester, emphasizes the close reading of selected literary

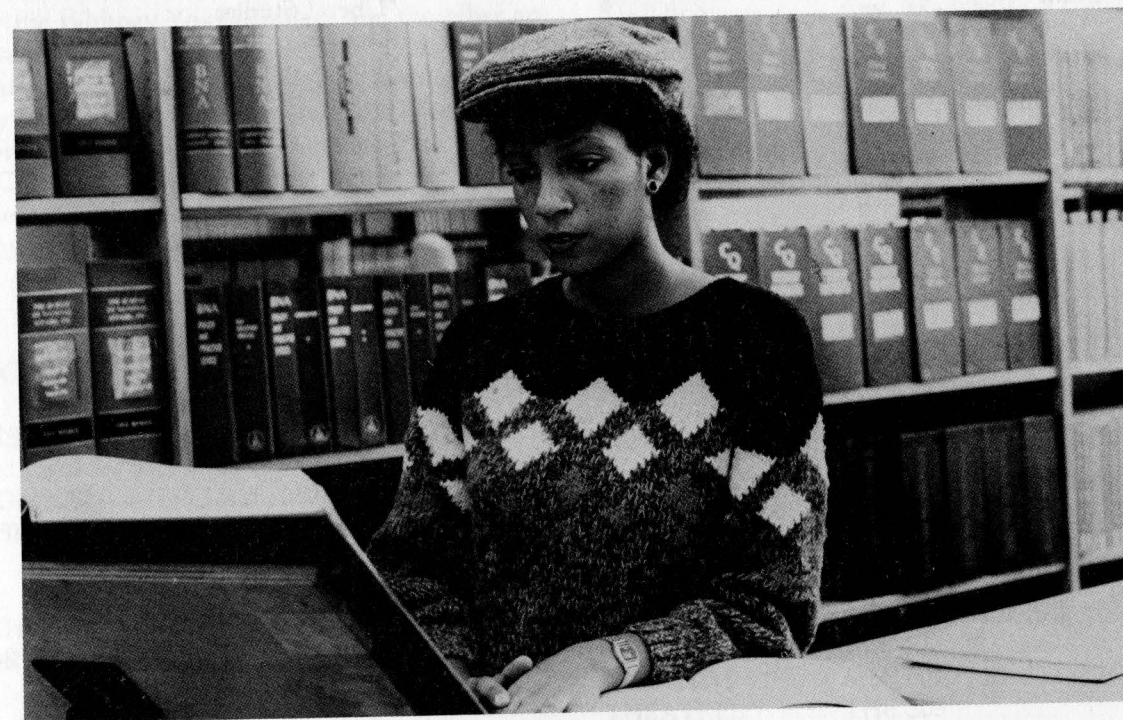
texts together with concerted work in writing. The second semester's work adds special attention to English lyric poetry, to short masterpieces of English prose, and, as circumstances permit, to American poetry of the nineteenth and twentieth centuries.

The Mathematics-Science Tutorial, 4 credit hours each semester, concentrates on readings and laboratory exercises in physics using texts of Galileo, Huygens, Newton, and others.

Electives, 3 to 6 credit hours each semester, may be used for elective courses in a variety of fields.

SOPHOMORE YEAR CURRICULUM

Fall	Hours	Spring	Hours
WYC 201 Seminar III	4	WYC 202 Seminar IV	4
WYC 211 Language III	4	WYC 212 Language IV	4
WYC 221 Math-Science III	4	WYC 222 Math-Science IV	4
Electives, or Major, or Minor Courses	3-6	Electives, or Major, or Minor Courses	3-6
	15-18		15-18



THE JUNIOR AND SENIOR YEARS

After completing the freshman and sophomore years in the Whitney M. Young, Jr. College of Leadership Studies, a student has several options for concluding his/her education at Kentucky State University. These options are a major in Whitney Young, a minor in Whitney Young, and a major or minor in other degree programs in the University. Two of these options are described below.

Many students in the Whitney Young College plan to move on to professional or graduate schools upon completion of the baccalaureate degree requirements. Law schools ordinarily set no particular course of studies as prerequisite to admission. Medical schools, on the other hand, tend to specify some coursework in which an ap-

plicant should be proficient. Consequently, the Whitney Young College, in conjunction with other appropriate University units, has worked out a series of schedules of courses for premedical, predental and other related interests. The completion of the appropriate traditional undergraduate major or minor in addition to the Whitney Young College course of studies will prepare students for most graduate programs.

A major in Liberal Studies requires the completion of 39 credit hours, including 12 credit hours of either Whitney Young College preceptorials (WYC 331, 332, 431, and 432) or Liberal Studies electives outside Whitney Young College. The other required courses are WYC 301, 302, 311, 321, 401, 411, and 421.

MAJOR IN LIBERAL STUDIES

JUNIOR YEAR			
Fall	Hours	Spring	Hours
WYC 301 Seminar V	4	WYC 302 Seminar VI	4
WYC 321 Math-Science V	4	WYC 311 Language V	4
*Liberal Studies Elective	3	*Liberal Studies Elective	3
Minor Courses	6	Minor Courses	6
	17		17
SENIOR YEAR			
Fall	Hours	Spring	Hours
WYC 441 Senior Essay	3	WYC 401 Seminar VII	4
WYC 421 Math-Science VI	4	*Liberal Studies Electives	6
*Liberal Studies Elective(s)	4	Minor Courses	6
Minor Courses	6		16
	17		

*No more than 6 credit hours may be counted from any one discipline.

The minor in Liberal Studies requires the completion of 21 to 31 credit hours, including 6 credit hours taken from among the Whitney Young College preceptorials (WYC 331, 332, 431 and 432) or in Liberal Studies electives outside Whitney Young College. The other require-

ments consist of two seminars selected from WYC 301, 302, and 401, and a minimum of 7 credit hours of Whitney Young College tutorials above the 200 level. It is strongly recommended that the student select WYC 441 as one of the tutorials.

MINOR IN LIBERAL STUDIES

JUNIOR YEAR			
Fall	Hours	Spring	Hours
WYC 301 Seminar V	4	WYC 302 Seminar VI	4
WYC 321 Math-Science V OR		WYC 311 Language V OR	
*Liberal Studies Elective(s)	3-4	*Liberal Studies Elective(s)	3-4
Major Courses	9	Major Courses	9
	16-17		16-17
SENIOR YEAR			
Fall	Hours	Spring	Hours
WYC 441 Senior Essay OR		WYC 401 Seminar VII AND/OR	
WYC 421 Math-Science VI OR		*Liberal Studies Electives	6-7
*Liberal Studies Electives	6-7	Major Courses	9
Major Courses	9-12		15-16
	15-19		

*No more than 6 credit hours may be counted from any one discipline.

LIBERAL STUDIES ELECTIVES ACCEPTABLE TOWARD A MAJOR OR MINOR IN WHITNEY YOUNG COLLEGE

The courses listed below have been approved by the Dean of the Whitney Young College and the other appropriate deans as acceptable electives toward a baccalaureate major or minor in Liberal Studies through the Whitney Young College. The prerequisites for some of these courses have been waived or modified for Whitney Young College students completing a major or minor in the College. No more than 6 credit hours may be counted from any one discipline.

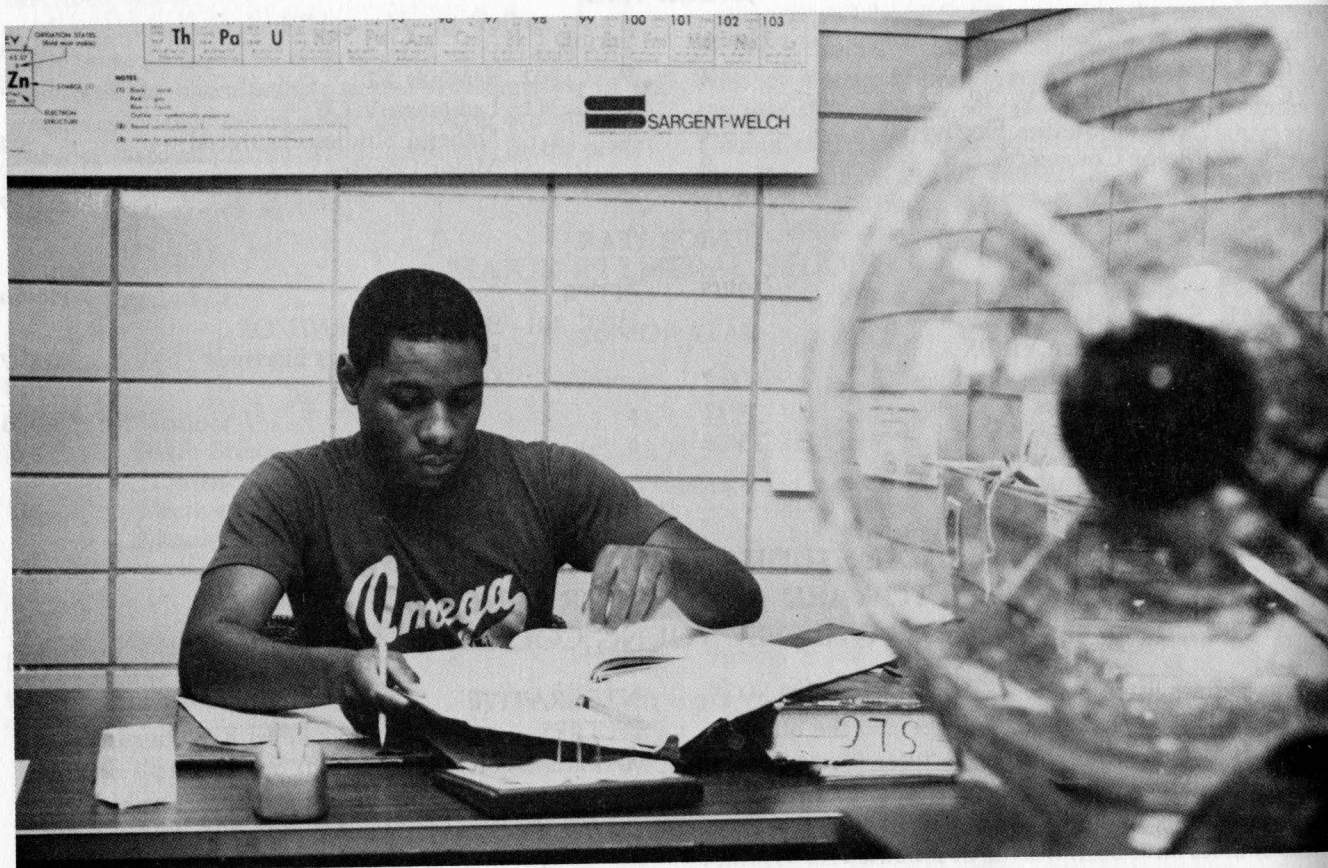
ART:	ART 201, 202, 300, 302, 303 and 304
BIOLOGY:	Any 300- and 400-level BIO courses except BIO 390 and 490
CHEMISTRY:	Any 300- or 400-level CHE courses
ECONOMICS:	ECO 321, 322, 323, 420 and 425
ENGLISH:	ENG 274, 301, 302, 303, 337, 341, 352, 409, 410, 411, 413 and 414
FRENCH:	FRE 301, 302, 322 and 411
HISTORY:	Any 300- and 400-level HIS courses

INTEGRATIVE STUDIES:	Any 300-level IGS courses
MATHEMATICS:	MAT 120 by placement or challenge examination; MAT 201, 202, and 206, and any 300- or 400-level courses except MAT 314
MUSIC:	MUS 201, 202, 301, 321, 322, 323, 324, 325, 326 and 327
PHILOSOPHY:	PHI 310
PHYSICS:	PHY 211, 212 and any 300-level courses
POLITICAL SCIENCE:	POS 300, 301, 322, 331, 361, 362, 431, 446, 461, 462, 470 and 495
PSYCHOLOGY:	PSY 304, 305, 307, 309, 310, 400, 401, 405, 406 and 407
PUBLIC AFFAIRS:	PUA 191, 300, 304, 400, 401 and 497
SOCIOLOGY:	SOC 303, 304, 312, 331, 350, 403, 405, 423 and 431
SPANISH:	SPA 301, 302, 403 and 404
THEATRE:	THE 305

The College of Applied Sciences

In this country we emphasize both liberal and practical education. Too often it is liberal education for one, and a practical education for another. What we desperately need is an integrated, liberal, practical education for the same person.

—Dwight D. Eisenhower



The College of Applied Sciences at Kentucky State University offers undergraduate programs that prepare students to combine their broad liberal backgrounds with specialized training and to apply both in their everyday lives and in their technical and social service careers.

The College offers coursework leading to baccalaureate degrees in the fields of Education, Computer Science, Home Economics, Social Work and Criminal Justice. An associate in applied science degree is also available in Child Development, in Computer Science, and in Criminal Justice.

The University's Liberal Studies Requirements strengthen all baccalaureate programs within the College and are compatible with the requirements of the National Council for the Accreditation of Teacher Education (NCATE), the Kentucky Department of Education, and the Council on Social Work Education.

Education, Home Economics, Social Work and Criminal Justice programs are geared toward human needs and public services. Programs within the Department of Home Economics focus on the welfare of the family. Social Work and Criminal Justice programs are designed to prepare students to help remedy social problems of individuals and groups. The Teacher Education program within the Department of Education prepares students for careers as teaching professionals.

Computer Science programs address the needs of full-time students and also emphasize the public service component of the University mission statement through class scheduling adapted to the work schedules of students who often maintain full-time employment. The programs provide computerized instruction and the development of highly specialized skills needed by state and local governmental employees.

Department of Computer Science

The Department of Computer Science offers courses in computer science leading to the Associate in Applied Science degree in Computer Science; the Bachelor of Science degree in Computer Science; and the Bachelor of Science degree in Microcomputers. Courses deal with the areas of computer programming, systems analysis, and information processing.

A student pursuing a Bachelor of Science degree in Computer Science or in Microcomputers must complete a minor in another area of study. The areas of Business, Mathematics or Public Affairs are recommended; however, the student may request approval of any recognized area of study for a minor.

A minor in Computer Science is also offered, and consists of 21 credit hours as follows: COS 101, 110, 180, 210, 220, 230, and 330.

BACHELOR OF SCIENCE DEGREES

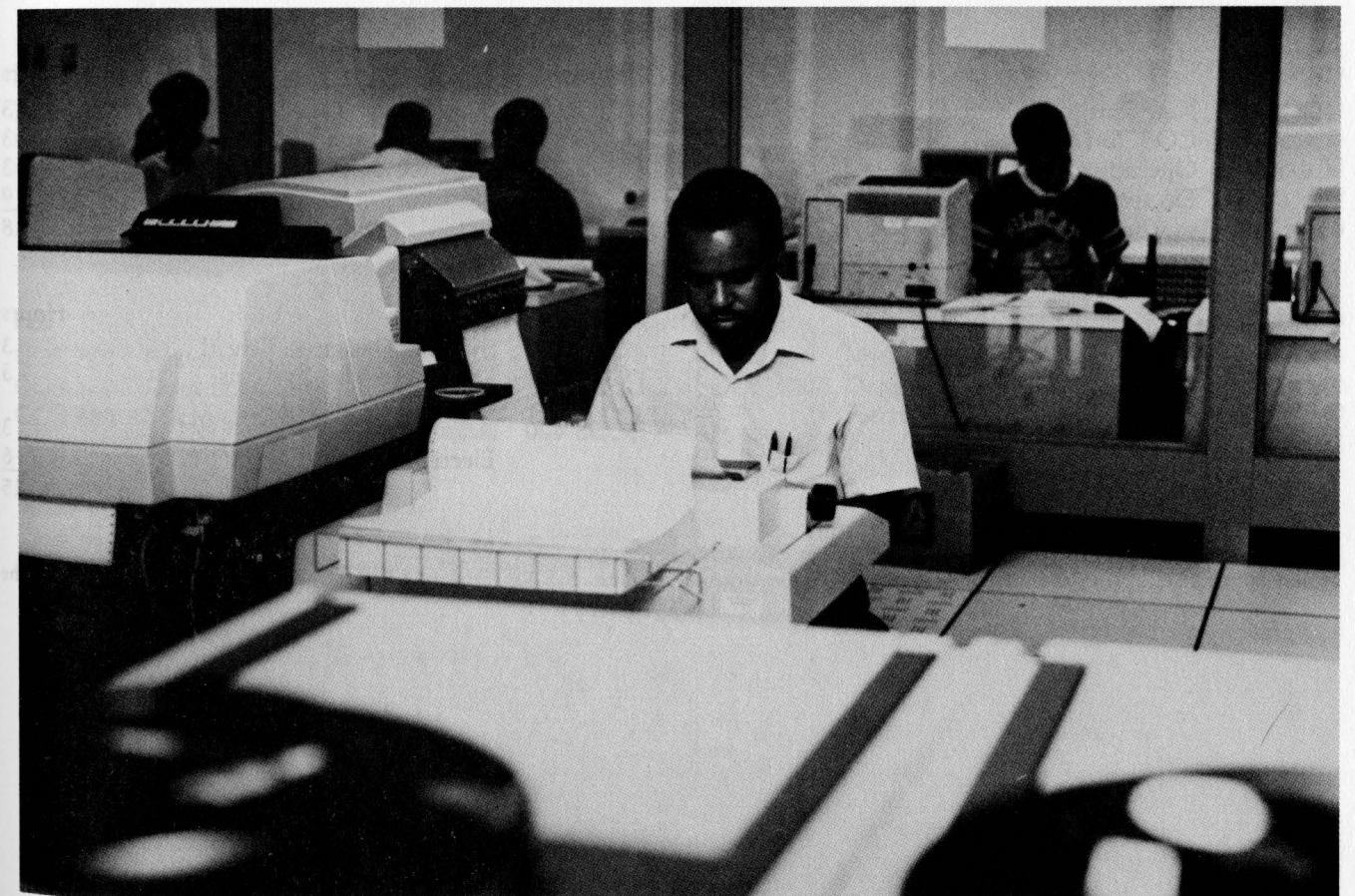
Computer Science

The Department of Computer Science offers a four-year program in Computer Science leading to a bachelor's degree for students interested in securing training in the

computer field with a broad background in related areas. A minimum of 135 credit hours is required for the degree. Computer Science courses required for a Bachelor of Science degree are COS 101, 110, 210, 212, 220, 230, 300, 302, 330, 340, 350, 400, 410, and 440. A minor, which is required, and other degree coursework requirements must be discussed with the student's faculty advisor.

Microcomputers

In recognition of the increasing importance of microcomputers, the Department also offers a bachelor's degree program that allows students to concentrate in the area of Microcomputers. Students pursuing this program study a broad subject area of courses, several Computer Science courses, and several Microcomputer courses. A minimum of 135 credit hours is required. Required Computer Science courses are COS 101, 110, 180, 210, 220, 230, 300, 330, 340, 350, 382, 410, 480, and 490. A minor, which is required, and other degree coursework requirements must be discussed with the student's faculty advisor.



Suggested Curriculum
BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Total Hours: 135

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	*Natural Science	3
HIS 103 Western Civilization	3	SPE 103 Interpersonal Commun.	3
MAT 110 Interm. Algebra or above	3	ART 130 Introduction to Art OR	
COS 101 Fund Micro Prog./BASIC	3	MUS 130 Introduction to Music	3
HED 221 Personal Health/Fitness OR		COS 110 Computer Programming I	3
PHE Activity	<u>2</u>		<u>15</u>
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro to Literature	3	COS 212 Intro II/Assembler	3
COS 210 Computer Programming II	3	COS 220 Computer Organization	3
PSY 200 General Psychology OR		ECO 200 Survey of Economics OR	
SOC 203 Principles of Sociology	3	POS 101 American Government	3
Foreign Language	3	Foreign Language	3
Elective	<u>3</u>	Elective	<u>3</u>
	18		18

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
COS 230 COBOL I	3	COS 330 File Processing	3
COS 302 Operating Systems	3	COS 350 Organiz. of Prog. Lang.	3
Electives	<u>9</u>	Electives	<u>9</u>
	18		18

SENIOR YEAR

Fall	Hours	Spring	Hours
COS 300 Systems Design and Dev I	3	COS 400 Systems Design & Dev II	3
COS 340 Data Structures	3	COS 410 Data Base Mgt Systems	3
Electives	<u>10</u>	COS 440 Special Problems OR	
	16	COS 420 Algorithms	3
		Electives	<u>6</u>
			15

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum
BACHELOR OF SCIENCE IN MICROCOMPUTERS
Total Hours: 135

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	*Natural Science	3
HIS 103 Western Civilization	3	SPE 103 Interpersonal Commun.	3
MAT 110 Interm. Algebra or above	3	ART 130 Introduction to ART OR	
COS 101 Fund of Micro Prog./BASIC	3	MUS 130 Introduction to Music	3
HED 221 Personal Health/Fitness OR		COS 180 Adv Micro Prog.	3
PHE Activity	<u>2</u>		<u>15</u>
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro to Literature	3	COS 210 Computer Programming II	3
COS 110 Computer Programming I	3	COS 220 Computer Organization	3
PSY 200 General Psychology OR		ECO 200 Survey of Economics OR	
SOC 203 Principles of Sociology	3	POS 101 American Government	3
Foreign Language	3	Foreign Language	3
Elective	<u>3</u>	Elective	<u>3</u>
	18		18

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
COS 230 COBOL I	3	COS 330 File Processing	3
COS 382 Assembler Language/Micro	3	COS 350 Organiz. of Prog. Lang.	3
Electives	<u>7</u>	Electives	<u>9</u>
	16		18

SENIOR YEAR

Fall	Hours	Spring	Hours
COS 300 Systems Design & Dev. I	3	COS 490 Micro Sys & Applic Dev	3
COS 340 Data Structures	3	COS 410 Data Base Mgt Systems	3
COS 480 Micro Op. Systems	3	Electives	<u>9</u>
Electives	<u>9</u>		<u>15</u>
	18		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

ASSOCIATE IN APPLIED SCIENCE DEGREE

The Department of Computer Science offers an associate degree in Computer Science for students who plan careers in data processing and related computer activities. The objectives of the program are to provide (1) an understanding of how computers operate; (2) a working knowledge of computer concepts, programming, and systems; (3) experience with computers through in-service training; and (4) a foundation of basic courses for further college study.

Graduates with an associate degree are equipped with training and experience for employment as programmers and systems analysts. A minimum of 64 credit hours is required for the degree. Required Computer Science courses are COS 100, 101, 103, 110, 180, 210, 212, 220, 230, 231, 250, and 280. Other degree coursework requirements should be discussed with the student's faculty advisor.

Suggested Curriculum
ASSOCIATE IN APPLIED SCIENCE IN COMPUTER SCIENCE
Total Hours: 64

FIRST YEAR			
Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
COS 100 Intro. to EDP	3	COS 210 Computer Programming II	3
COS 101 Fund. Micro Prog/BASIC	3	COS 103 RPG	3
COS 110 Computer Programming I	3	COS 180 Adv. Micro Prog.	3
MAT Elective (Math above 100)	3	MAT 120 Precalculus	4
	3		16
	18		
SECOND YEAR			
Fall	Hours	Spring	Hours
COS 212 Intro. to Assembler Lang.	3	COS 280 Pascal Prog	3
COS 220 Computer Organization	3	COS 231 COBOL II	3
COS 230 COBOL I	3	COS 250 Microcomputer Interfacing	3
ACC 261 Prin. of Accounting I	3	ACC 262 Prin. of Accounting II	3
Elective (Advised)	3	Elective	3
	15		15

Department of Education

The Department of Education offers baccalaureate degree programs leading to teacher certification in Art Education, Biology, Business Education, Early Elementary Education, Middle Grades Education, English, Physical Education, History, Mathematics, Music Education and Social Studies. Teaching minors are available in English, Health, History, Mathematics and Sociology. Teacher preparation programs are accredited by the Kentucky Department of Education and the National Council for Accreditation of Teacher Education (NCATE). All programs lead to certification by the Kentucky Department of Education.

Teacher Education Committee
The responsibility for teacher education programs at Kentucky State University rests with the Teacher Education Committee. This Committee is composed of faculty and student representatives from each department in which the University offers teacher certification programs, the chairperson of the Department of Education, the director of student teaching, the coordinator of secondary education, the director of libraries, the president of the Student National Education Association, and three public school representatives. The student and public school representatives are appointed respectively by the president of the Student National Education Association and school superintendents.

- Goals and Objectives**
- The overall goal of the Teacher Education Program is to produce the best possible teachers for elementary, middle, and secondary schools. Program objectives are to provide each student with the following:
- Knowledge of the process of human growth and development;
 - An understanding of the educational process as it relates to teaching and learning in both individual and group situations;
 - An appreciation of education as an institution and as an instrument of society;
 - An awareness of the requirements of the Commonwealth of Kentucky for obtaining teaching certificates for the various teaching levels in the public schools;
 - An understanding of the organization, financial and social support, purposes and functions of schools in a democracy;
 - The pedagogical skills, competencies, and abilities necessary to create a climate for learning by early

- elementary, middle and secondary school students, including students who have certain exceptionalities; and
- The knowledge and skills necessary to meet the specific educational needs of early elementary, middle and secondary school students in a culturally diverse society.



Admission to Teacher Education

Each applicant who seeks admission to the Teacher Education Program at Kentucky State University is required to meet the following standards:

- Standard 1.** Have obtained a minimum of 54 credit hours.
- Standard 2.** File with the Committee on Teacher Education an application for admission to teacher education on the official form provided, after the semester in which the student will have earned 54 credit hours. The application must be accompanied by a personal data form and an autobiographical sketch of at least two pages in the student's own handwriting. The autobiography should reveal an alert, resourceful person of sound and stable character who exemplifies the following traits: (1) a strong desire to learn, (2) a strong desire to become a good teacher, (3) faith in human beings, (4) a genuine interest in people, especially young people, (5) the ability to work well with others, and (6) willingness to go beyond the call of duty in hours of study and in school and community activities.
- Standard 3.** Demonstrate competency in oral and written communication, reading, writing, and computation on the Comprehensive Tests of Basic Skills (CTBS) at a grade equivalence of 12.7 or better.
- Standard 4.** Demonstrate competency in writing by responding in writing to a question in the applicant's field of study. The writing sample will be evaluated for mechanics, content, organization, and style.
- Standard 5.** Demonstrate competency in oral communication during an individual interview of each applicant.
- Standard 6.** Have obtained a cumulative grade-point average of 2.25 or higher on a 4.0 scale.
- Standard 7.** Have obtained a grade of "C" or above in the following courses:
- ENG 101 (English Composition I) and ENG 102 (English Composition II);
 - EDU 294 (Introduction to Teaching); and
 - EDU 221 (Human Growth — Life Span Development).
- Standard 8.** Obtain three letters of recommendation:
- One from the major advisor;
 - One from an instructor with whom the applicant has completed a course; and
 - One from a public school teacher with

whom the applicant has had field experiences.

- Standard 9.** Submit a copy of ACT scores to the Office of the Department of Education.
- Standard 10.** Have obtained clearance from the Office of the Vice President for Student Affairs.

Applicants may be admitted *conditionally* with the following minor deficiencies, subject to immediate correction and continued satisfactory progress:

- An incomplete autobiographical sketch.
- An incomplete personal data form.

The Committee may withdraw a student from teacher education *at any time* based upon one or more of the following:

- Unsatisfactory academic progress.
- Disciplinary action by the University against the student because of conduct that would indicate character weaknesses of such a nature as to make that student unfit for the teaching profession.

The student may withdraw officially from the Teacher Education program by proper written notice to the chairperson of the Teacher Education Committee.

An applicant who has not been approved for admission to the Teacher Education program will be permitted to file a supplementary application, provided all deficiencies have been removed. The student will not be permitted to file a third application if rejected by the Committee a second time.

Any applicant who has failed three official sittings of the CTBS will be denied further consideration for admission to Teacher Education. *No applicant will be allowed to take the CTBS twice in the same semester.* No applicant will be permitted to officially sit for the CTBS a fourth time.

Kentucky State University, operating through the Teacher Education Committee, retains the right to change, modify, or add to the above requirements at any time but will give students prior notice of any changes. The student should check with the chairperson of the Department of Education concerning the most recent regulations.

Admission to Supervised Teaching

Each student who plans to qualify to teach at the early elementary, middle or secondary level is required to file an application for Supervised Teaching. The application for admission to Supervised Teaching should be made at the middle of the semester that ends the student's junior academic year and should designate the SPECIFIC semester during which the student plans to do supervised teaching.

After review of the student's application, the Teacher Education Committee will notify the applicant by letter either that the application for admission to Supervised Teaching has been approved, subject to successful completion of all prerequisites and the attainment and maintenance of the required standards for admission at the time the student is scheduled to enroll in the course in supervised teaching, or that the application for admission to Supervised Teaching has been denied with a statement of the reason(s) for denial.

Applicants for admission to Supervised Teaching must satisfy the following standards:

- Standard 1.** Have completed a minimum of 90 credit hours of college credit (senior standing).
- Standard 2.** Submit a recent physical examination report, which includes a tuberculin test.
- Standard 3.** Have been admitted to the Teacher Education program at least one semester prior to application for admission to student teaching and be in good standing.
- Standard 4.** Have satisfactorily completed all prerequisite courses and laboratory requirements.
- Standard 5.** Have a cumulative grade-point average of 2.5 or higher on a 4.0 scale at the time of the application, or have attained such by the end of the semester immediately prior to the scheduled entrance into student teaching.
- Standard 6.** Have a grade-point average of 2.5 or higher on a 4.0 scale in the student's major courses at the end of the semester prior to the scheduled entrance into student teaching.
- Standard 7.** Have completed three-fourths of all required professional courses and have maintained a grade-point average of 2.5, or have satisfied this requirement by the end of the semester immediately prior to the scheduled entrance into student teaching.
- Standard 8.** Have completed three-fourths of the coursework within the major or have completed all coursework requirements for the minor if student teaching is to occur in the minor subject.
- Standard 9.** Have completed ENG 211 (Introduction to Literature) with a grade of "C" or higher or have gained such by the end of the semester prior to the scheduled entrance into student teaching.

- Standard 10.** Be recommended by the faculty of the student's major department.
- Standard 11.** Be recommended by the faculty of the Department of Education.
- Standard 12.** Have obtained clearance from the Vice President for Student Affairs.
- Standard 13.** Have presented evidence of liability insurance comparable in amount to that which the Student National Education Association provides.

Students are reminded that they are fully responsible for arranging all required transportation that results from participation in the student teaching activity. Students may seek the assistance of the Department of Education in making these arrangements.

In the event a student who has been approved for admission to supervised teaching does not complete all prerequisites or maintain the required standards for admission at the time the student is scheduled to enroll for the course in supervised teaching, the student's case shall be subject to review by the Committee before being permitted to enroll for student teaching at a later date.

A student will not be permitted to take other regular college courses during his/her period of student teaching. Exemptions from this standard will be considered by the director of Student Teaching and the chairperson of the Department of Education only in the most unusual cases, and in accordance with the Teacher Education Committee's policies governing such circumstances.

Degree Requirements

Students seeking teacher certification in the Commonwealth of Kentucky must choose a level at which to teach. Teaching levels available at Kentucky State University are Early Elementary (grades K-4), Middle Grades (grades 4-8), and Secondary (grades 9-12).

To obtain the baccalaureate degree and teacher certification at any level, teacher education students must complete 54 credit hours of Liberal Studies Requirements. Additional degree requirements are as follow:

EARLY ELEMENTARY
(for teaching in grades K-4)

Requirements for a major in Early Elementary Education are 137 credit hours, which include 42 credit hours of professional education courses, 20 credit hours of support courses and 21 credit hours in one academic area. Academic areas from which students may select are English, fine arts, foreign languages, mathematics, sciences, and social and behavioral sciences. Required professional education courses are EDU 221, 294, 310, 312, 313, 314, 318, 324, 328, 400, 402, 423 and 474; CDF 204; and MAT 314.

MIDDLE GRADES

(for teaching in grades 4-8)

Requirements for a major in Middle Grades Education are 138 credit hours, which include 42 credit hours of professional education courses, and 24 credit hours in each of *two* academic specialties for a total of 48 credit hours. Specialties from which students may choose are English, mathematics, social studies, and foreign language. Some Liberal Studies Requirements may count toward the academic specialties.

SECONDARY EDUCATION

(for teaching in grades 9-12)

Art Education — Requirements for a major in Art Education are 136 credit hours, which include 48 credit hours in Art and Art History, 33 credit hours of professional education courses, and a 1-credit-hour seminar. A teaching area of specialization is also offered in Art Education for students who want to teach art at the elementary and secondary levels. A total of 142 credit hours is required: 48 credit hours of Art and Art History courses, 39 credit hours of professional education courses, and a 1-credit-hour seminar.

Biology Certification — A minimum of 135 credit hours is required for a major in Biology with high school teacher certification. Requirements include a Biology core of 25 credit hours, 5-6 credit hours of Biology electives, 16 credit hours of support courses in Chemistry and Physics, and 33 credit hours of professional education courses. Requirements in Biology are BIO 210, 212, 302, 303, 307, 401, 408 and 416.

Business Education — Students seeking teacher certification in Business Education must choose either the Basic Business or the Secretarial Studies option. A person certified in the Basic Business option is prepared to teach typewriting, accounting and advanced data processing. This curriculum requires a minimum of 134 credit hours, which include 39 credit hours of Business and Business Education courses and 41 credit hours of professional education courses. A person certified in the Secretarial Studies option is prepared to teach school courses in office services and may obtain an endorsement to teach business and career education at the elementary and middle school levels. This curriculum requires a minimum of 136 credit hours, which include 42 credit hours of Business and Business Education courses and 40 credit hours of professional education courses.

English Certification — A minimum of 135 credit hours is required for a major in English with high school teacher certification. Requirements include 30 credit hours of English courses: ENG 213, 312, 322, 323, 324, 325, 410,

411, 433 and 450; 6 credit hours elected from English, Speech, Communication or Theatre at the 300 or 400 level; 36 credit hours of professional education coursework; 6 credit hours of electives; and SPE 200.

History Certification — A minimum of 135 credit hours is required for a major in History with high school teacher certification. Requirements include 36 credit hours of History courses, 9 credit hours of Sociology courses, and 36 credit hours of professional education courses. Requirements in History are HIS 101, 102, 201, 202, 314 or 422, 411, and 433, plus 9 credit hours of HIS electives; and BSS 200 and 499.

Mathematics Certification — A minimum of 133 credit hours is required for a major in Mathematics with high school teacher certification. Requirements include 32 credit hours of Mathematics, 6 credit hours of computer language, 4 credit hours of Physics, 33 credit hours of professional education courses, and 3 credit hours of a Mathematics elective. Mathematics courses required are MAT 201, 202, 206, 301, 307, 321, 401, and 403.

Physical Education — A minimum of 134 credit hours is required for a major in Physical Education with high school teacher certification. Requirements include a minimum of 38 credit hours of Physical Education courses, 8 credit hours of Health Education courses, and 30 credit hours of professional education courses. Health and Physical Education courses required are PHE 203 or 204, 205 or 207, 206 or 208, 209 or 210, 240, 257, 258 or 259, 320, 323, 324, 330, 331, 390, 401 and 421; and HED 107, 223, and 320 or 326.

An endorsement to teach Physical Education in the elementary grades is available to secondary Physical Education students. The following additional course requirements must be completed: PHE 257, 258, 259 and 260, and EDU 305. Available also to Physical Education majors seeking high school teacher certification are an Athletic Coaching endorsement and an Athletic Training minor. Teaching certificates are not granted by the Kentucky Department of Education for Athletic Coaching nor for Athletic Training. Requirements for both programs are listed in the Physical Education subsection of the College of Arts and Sciences section of this Catalogue.

Social Studies Education — A minimum of 135 credit hours is required for a major in Social Studies Education with high school certification. Requirements include 18 credit hours of History, 18 credit hours of Sociology, 6 credit hours of Political Science, 6 credit hours of Economics and 33 credit hours of professional education courses. Sociology courses required are SOC 102, 205, 303, 304 and 305, and a SOC elective. Required History courses are HIS 201, 202 and 331, and a HIS elective, plus BSS 200 and 499.

K-12 CERTIFICATION

Music Education — The major in Music Education leads to teacher certification for grades K-12. Students must choose between instrumental and vocal options. The requirements for a major in Music Education with either option are 138 credit hours. The requirements include 58 credit hours of music and 31 credit hours of professional education courses. Students who wish to become certified for both the instrumental and vocal options must complete 12 additional credit hours of music courses pertaining to the additional option choice.

Teaching Minors

Teaching minors are available in the following areas: English, Health, History, Mathematics and Sociology. A

minimum of 21 credit hours is required in addition to the teaching major, for all minors except English. The English teaching minor requires 24 credit hours. Students should contact their advisors or the chairperson of the Department of Education concerning requirements of specific teaching minors. Teaching minors are only available to students who have a teaching major.

National Teacher Examinations

The National Teacher Examinations are required for teacher certification in Kentucky. The examinations are to be taken during the senior year. Students must perform at or above the cut-off scores established by the Kentucky Department of Education. Students must register in the University's Office of Testing and pay the required fee.



Suggested Curriculum
BACHELOR OF ARTS IN EARLY ELEMENTARY EDUCATION
Total Hours: 137

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	SPE 103 Interpersonal Com.	3
HIS 103 Western Civilization	3	HED 221 Personal Health/Fitness	2
MAT 103 Foundations of Math I	3	MAT 104 Fundamentals of Math II	3
MUS 130 Introduction to Music OR		PHY 111 Introduction to Physics I	3
ART 130 Introduction to Art	3	POS 101 American Government	3
PHE Activity	<u>1</u>		<u>17</u>
	16		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro to Literature	3	IGS 201 Converge/Reshape/Cultures	3
PSY 200 General Psychology	3	HIS 201 U.S. History to 1865 OR	
IGS 200 Found. of Western Culture	3	SOC 305 Cont. Soc. Problems	3
		Foreign Language	3
MAT 110 Interm. Algebra or above	3	ART 101 Public School Arts	3
EDU 294 Intro to Teaching	<u>2</u>	FNU 203 Nutrition & Health	2
	17	EDU 221 Human Growth-Life Span Development	<u>3</u>
			17

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
MUE 333 Music Fundamentals	3	EDU 312 Teaching Reading in Elem. Sch.	3
PHE 257 Rhythmic Activities for Elem School	3	EDU 318 Educational Media	2
ENG 260 Children's Literature	3	EDU 328 Assessment of Learning	2
*Academic Specialty	<u>6</u>	CDF 204 Child Development II	3
	18	EDU 324 Found. of Education	3
		*Academic Specialty	<u>3</u>
			19

SENIOR YEAR

Fall	Hours	Spring	Hours
MAT 314 Teacher's Arithmetic	3	***EDU 314 Social Studies in Elem School	3
EDU 310 Intro. to Excep. Edu.	3	***EDU 423 Science in Elem School	3
EDU 313 Teaching Language Arts in Elem School	3	EDU 474 Supervised Teaching in Early Elem. Grades	<u>8</u>
EDU 400 Sr. Seminar Early Elem.	1		14
EDU 402 Theories of Learning	3		
*Academic Specialty	<u>6</u>		
	19		

*Student will select with the advisor courses for one of these academic specialties: English/Communications; Fine Arts/Humanities; Foreign Language (limited to one language); Mathematics Studies; Sciences; Social and Behavioral Sciences.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

***First four weeks

Suggested Curriculum
BACHELOR OF ARTS IN MIDDLE GRADES EDUCATION
Total Hours: 138

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	SPE 103 Interpersonal Com.	3
HIS 103 Western Civilization	3	HED 221 Personal Health/Fitness	2
MAT 110 Interm. Algebra or above	3	PSY 200 General Psychology	3
MUS 130 Introduction to Music OR		PHS 201 Physical Sciences I OR	
ART 130 Introduction to Art	3	PHY 111 Introduction to Physics I	3
PHE Activity	<u>1</u>	POS 101 American Government	<u>3</u>
	16		17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro to Literature	3	IGS 201 Converge/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	EDU 221 Human Growth-Life Span Development	3
		Foreign Language	3
EDU 294 Intro to Teaching	2	*Academic Specialty	<u>9</u>
*Academic Specialty	<u>6</u>		18
	17		

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
EDU 222 Adolescent Development	3	EDU 318 Educational Media	2
EDU 310 Intro to Excep. Ed.	3	EDU 328 Assessment of Learning	2
*Academic Specialty	<u>9</u>	EDU 330 Mid Grades Curriculum	2
	18	EDU 324 Found. of Education	3
		*Academic Specialty	<u>6</u>
			18

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 332 Teaching Reading	3	***EDU 430 Meths & Materials in Middle Grades	4
EDU 401 Sr. Seminar Middle Grades	1	***EDU 333 Teaching Language Arts	3
EDU 402 Theories of Learning	3	EDU 484 Supervised Teaching in Middle Grades	<u>8</u>
*Academic Specialty	<u>12</u>		15
	19		

*Two specialties of 24 credit hours each, which include some Liberal Studies Requirements, must be completed. Students will select courses with the advisor from two of the following academic specialties: English and Communication; Mathematics; Social Studies.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

***First four weeks

Suggested Curriculum
BACHELOR OF ARTS IN ART EDUCATION
 (Area of Specialization)
 Total Hours: 142

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	HIS 103 Western Civilization	3
BIO 101 Life Science	3	SPE 103 Interpersonal Commun.	3
ART 112 Two-Dimen. Design	3	ART 110 Basic Drawing	3
ART 130 Introduction to Art	3	ART 113 Three-Dimensional Design	3
HED 221 Personal Health/Fitness	2	ART 160 Art Symposium	1
	<u>17</u>	PHE Activity	<u>1</u>
			17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
PSY 200 General Psychology	3	EDU 221 Human Growth-Life Span Development	3
ENG 211 Intro to Literature	3	POS 101 American Government OR	
EDU 294 Intro to Teaching	2	ECO 200 Survey of Economics	3
ART 201 Art History Survey I	3	ART 202 Art History Survey II	3
Foreign Language	<u>3</u>	*ART Studio Elective	3
	17	ART 160 Art Symposium	1
		Foreign Language	<u>3</u>
			19

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
EDU 324 Found of Education	3	***EDU 305 Fund of Elem Ed	3
ART History Elective	3	***ART 319 Elementary School Art	3
*ART Studio Electives	6	#Natural Science	3
ART 220 Basic Painting I	<u>3</u>	ART Major Studio Emphasis	3
	18	ART 160 Art Symposium	1
		*ART Studio Elective	<u>3</u>
			19

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 310 Intro to Excep Education	3	EDU 394 Clinical Experiences in Teaching	4
EDU 409 Fund & Adm/Secondary Ed	3		
ART 419 Secondary School Art	3	EDU 494 Supervised Teaching in Secondary Schools	<u>12</u>
*ART Studio Electives	6		16
ART Major Studio Emphasis	3		
ART 400 Senior Seminar	<u>1</u>		
	19		

*To be selected from ART 211, 240, 245, 307, 315, and 317.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

***Not required for a major in Art Education.

#May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

Suggested Curriculum
BIOLOGY CERTIFICATION — SECONDARY TEACHING
 Total Hours: 135-136

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	MAT 120 Precalculus	4
BIO 111 Prin of Biology	4	ART 130 Introduction to Art OR	
HIS 103 Western Civilization	3	MUS 130 Introduction to Music	3
SPE 103 Interpersonal Commun.	<u>3</u>	BIO 210 General Zoology	3
	16	BIO 212 General Botany	3
		PHE Activity	<u>1</u>
			17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
PSY 200 General Psychology	3	EDU 221 Human Growth-Life Span Development	3
Foreign Language	3	Foreign Language	3
EDU 294 Intro to Teaching	2	CHE 102 General Chemistry II	4
CHE 101 General Chemistry I	4	ENG 211 Intro to Literature	<u>3</u>
HED 221 Personal Health/Fitness	<u>2</u>		16
	17		

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	EDU 310 Intro to Excep Educ	3
EDU 324 Found of Education	3	PHY 208 Physics/Biol. Science II	4
BIO 302 General Microbiology	4	BIO 303 Human Physiology	4
PHY 207 Physics/Biol. Science I	4	POS 101 American Government OR	
BIO 307 Genetics	<u>3</u>	ECO 200 Survey of Economics	3
	17	BIO Electives	<u>5-6</u>
			19-20

SENIOR YEAR

Fall	Hours	Spring	Hours
*IGS 301, 302, 303 or 304	3	EDU 394 Clinical Experiences in Teaching	4
EDU 409 Fund & Adm/Secondary Ed	3		
EDU 413 Methd/Teaching Science	3	EDU 494 Supervised Teaching in Secondary Schools	<u>12</u>
BIO 408 Cell Biology	4		16
BIO 401 Biology Seminar	1		
BIO 416 Ecology	<u>3</u>		
	17		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum
BACHELOR OF ARTS IN BUSINESS EDUCATION
 (Basic Business Option)
 Total Hours: 134-137

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	SPE 103 Interpersonal Commun.	3
BIO 101 Life Science	3	ART 130 Introduction to Art OR	
HIS 103 Western Civilization	3	MUS 130 Introduction to Music	3
*OAD 103 Keyboarding I	3	OAD 104 Keyboarding II	3
PHE Activity	1	**Natural Science	3
	16	HED 221 Personal Health/Fitness	2
			17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
PSY 200 General Psychology	3	EDU 221 Human Growth-Life Span Development	3
#ECO 211 Principles of Economics I	3	ENG 211 Intro to Literature	3
EDU 294 Intro to Teaching	2	BUE 204 Business Commun.	3
ACC 261 Prin. of Accounting I	3	ACC 262 Prin. of Accounting II	3
Foreign Language	3	Foreign Language	3
	17		18

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	Elective	3
COS 101 Fund. Micro Prog/BASIC	3	**IGS 301, 302, 303 or 304	3
EDU 310 Intro to Excep Education	3	BUA 200 Computer Appl. Bus.	3
BUA 321 Legal Environment	3	OAD 230 Information Processing I	3
MGT 323 Principles of Management	3	EDU 324 Found of Education	3
MKT 351 Principles of Marketing	3	BUE 360 Principles of Business Ed	3
	18		18

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 318 Educational Media	2	EDU 394 Clinical Experiences in Teaching	4
EDU 328 Assessment/Learning	2	EDU 494 Supervised Teaching in Secondary Schools	12
EDU 409 Fund & Adm/Secondary Ed	3		16
OAD 222 Office Sys Proced	3		
COS 495 Micro in Ele/Sec Ed	3		
BUE 400 Meth/Mat in Bookkeeping	3		
BUE 402 Meth/Mat in Office Services	3		
	19		

*Students satisfying the outcome criteria for OAD 103 by superior scores on placement examinations may substitute a 3-credit-hour general elective course with advisor's approval.

**May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

***IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

#Satisfies the Liberal Studies Requirements

Suggested Curriculum
BACHELOR OF ARTS IN BUSINESS EDUCATION
 (Secretarial Studies Option)
 Total Hours: 136

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	SPE 103 Interpersonal Comm	3
BIO 101 Life Science	3	ART 130 Introduction to Art OR	
HIS 103 Western Civilization	3	MUS 130 Introduction to Music	3
*OAD 103 Keyboarding I	3	OAD 104 Keyboarding II	3
PHE Activity	1	**Natural Science	3
	16	HED 221 Personal Health/Fitness	2
			17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
*OAD 211 Elem Stenography	3	EDU 221 Human Growth-Life Span Development	3
ACC 261 Prin. of Accounting I	3	BUE 204 Business Commun.	3
PSY 200 General Psychology	3	Foreign Language	3
EDU 294 Intro to Teaching	2	ENG 211 Intro to Literature	3
	17	OAD 212 Advanced Stenography	3
			18

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	BUE 360 Principles of Business Ed	3
COS 101 Fund. Micro Prog/BASIC	3	***IGS 301, 302, 303 or 304	3
#ECO 211 Principles of Economics I	3	BUA 200 Computer Appl. Bus.	3
BUA 321 Legal Environment	3	OAD 230 Info Processing I	3
OAD 215 Dictation & Trans	3	EDU 324 Found of Education	3
OAD 224 Info & Records Mgt	3	EDU 328 Assessment of Learning	2
	18		17

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 318 Educational Media	2	EDU 394 Clinical Experiences in Teaching	4
EDU 310 Intro to Excep Education	3	EDU 494 Supervised Teaching in Secondary Schools	12
EDU 409 Fund & Adm/Secondary Ed	3		16
OAD 222 Office System Proced	3		
COS 495 Micro in Elem/Sec Ed	3		
BUE 402 Meth/Mat in Office Services	3		
	17		

*Students satisfying the outcome criteria for OAD 103 and/or OAD 211 by superior scores on placement examinations may substitute one or two courses for a total of 3 or 6 credit hours, respectively, through general elective courses with advisor's approval.

**May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

***IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

#Satisfies the Liberal Studies Requirement

Suggested Curriculum

ENGLISH EDUCATION CERTIFICATION — SECONDARY TEACHING

Total Hours: 135

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	ART 130 Introduction to Art OR	
SPE 103 Interpersonal Commun.	3	MUS 130 Introduction to Music	3
BIO 101 Life Science	3	POS 101 American Government OR	
HIS 103 Western Civilization	3	ECO 200 Survey of Economics	3
	15	*Natural Science	3
		HED 221 Personal Health/Fitness	2
		PHE Activity	1
			15

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro to Literature	3	ENG 213 Advanced Comp	3
PSY 200 General Psychology	3	EDU 221 Human Growth-Life Span	
		Development	3
SPE 200 Public Speaking	3	Foreign Language	3
Elective	3	**Elective	3
	18	EDU 294 Intro to Teaching	2
			17

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	***IGS 301, 302, 303 or 304	3
ENG 322 Found. of English Lit.	3	ENG 323 English Literature	3
ENG 324 Survey American Lit. I	3	ENG 325 Survey American Lit. II	3
ENG 312 World Literature	3	ENG 390 Adolescent Lit.	3
EDU 324 Found. of Education	3	EDU 310 Intro to Excep Education	3
**Elective, 300-400 level	3	Elective	3
	18		18

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 409 Fund & Adm/Secondary Ed	3	EDU 394 Clinical Experiences	
EDU 410 Methods/Teaching English	3	in Teaching	4
ENG 410 Linguistics	3	EDU 494 Supervised Teaching	
ENG 411 Shakespeare	3	in Secondary Schools	12
ENG 433 Read/Writing Practicum	3		16
EDU 445 Reading in the Secondary School	3		
	18		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**Choice of Speech, Communication, Theatre or English.

***IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum

HISTORY EDUCATION CERTIFICATION — SECONDARY TEACHING

Total Hours: 135

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	*Natural Science	3
BIO 101 Life Science	3	ART 130 Introduction to Art OR	
HIS 101 World Civilization I	3	MUS 130 Introduction to Music	3
HIS 103 Western Civilization	3	HIS 102 World Civilization II	3
PHE Activity	1	SPE 103 Interpersonal Commun.	3
	16	HED 221 Personal Health/Fitness	2
			17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro to Literature	3	POS 101 American Government	3
BSS 200 Social Science Sem	3	Foreign Language	3
		GEO 102 Principles of Geography	3
HIS 201 U.S. History to 1865	3	PSY 200 General Psychology	3
EDU 294 Intro to Teaching	2	EDU 221 Human Growth-Life Span	
	17	Development	3
			18

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
HIS 202 U.S. History since 1865	3	EDU 315 Multicultural Ed.	3
HIS 314 Blacks in the U.S. OR		SOC 303 Cultural Anthropology	3
HIS 422 Recent U.S. History	3	HIS Electives	6
EDU 324 Found. of Education	3		15
EDU 310 Intro to Excep Education	3		
SOC 203 Principles of Sociology	3		
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 409 Fund & Adm/Secondary Ed	3	EDU 394 Clinical Experiences	
EDU 414 Meths/Teaching Soc Stud	3	in Teaching	4
BSS 499 Senior Colloquium	3	EDU 494 Supervised Teaching	
HIS 411 Blacks in 20th Cent.	3	in Secondary Schools	12
HIS 433 20th Cent. Europe	3		16
HIS Elective	3		
	18		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum
MATHEMATICS EDUCATION CERTIFICATION — SECONDARY TEACHING
Total Hours: 133

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	MAT 120 Precalculus	4
BIO 101 Life Science	3	ART 130 Introduction to Art OR	
HIS 103 Western Civilization	3	MUS 130 Introduction to Music	3
PHE Activity	1	POS 101 American Government OR	
Computer Language	3	ECO 200 Survey of Economics	3
	16	Computer Language	3
			16

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
PSY 200 General Psychology	3	EDU 221 Human Growth-Life Span	
HED 221 Personal Health/Fitness	2	Development	3
EDU 294 Intro to Teaching	2	MAT 202 Calculus II	5
Foreign Language	3	MAT 206 Modern Geometry	3
MAT 201 Calculus I	5	Foreign Language	3
	18		17

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	EDU 310 Intro to Excep Education	3
EDU 324 Found. of Education	3	*IGS 301, 302, 303 or 304	3
PHY 211 General Physics I	4	PHY 212 General Physics II	4
ENG 211 Intro to Literature	3	SPE 103 Interpersonal Commun.	3
MAT 301 Multivariate Calculus	3	**MAT Elective	3
MAT 307 Linear Algebra	3		16
	19		

SENIOR YEAR

Fall	Hours	Spring	Hours
MAT 321 Prob & Statistics	3	EDU 394 Clinical Experiences	
MAT 401 Modern Algebra I	3	in Teaching	4
MAT 403 Real Analysis I	3	EDU 494 Supervised Teaching	
EDU 409 Fund & Adm/Secondary Ed	3	in Secondary Schools	12
EDU 411 Meth/Teaching Math	3		16
	15		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)
**Mathematics electives must be selected from MAT 303, 315, 402, 404, 411, and 460.

Suggested Curriculum
BACHELOR OF MUSIC EDUCATION
For Teaching Music in Grades K-12
Total Hours: 138

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HIS 103 Western Civilization	3
BIO 101 Life Science	3	*Natural Science	3
MUS 101 Music Theory to 1450	3	PHE Activity	1
MUS 110 Class Piano I	1	MUS 102 Music Theory 1450-1650	3
MUS 161 Major Applied I/Lab	2	MUS 111 Class Piano II	1
MUS Ensemble	1	MUS 162 Major Applied II/Lab	2
	16	MUS Ensemble	1
			17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro to Literature	3	PSY 200 General Psychology	3
Foreign Language	3	Foreign Language	3
ECO 200 Survey of Economics OR		EDU 294 Intro to Teaching	2
POS 101 American Government	3	MUS 202 Music Theory 1820-1900	3
MUS 201 Music Theory 1650-1820	3	MUS 211 Class Piano IV	1
MUS 210 Class Piano III	1	MUS 262 Major Applied IV/Lab	2
MUS 261 Major Applied III/Lab	2	MUS Ensemble	1
MUS Ensemble	1		18
	19		



NOTE: At this point, student must choose between Instrumental Option and Vocal Option.

Instrumental Option

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	***IGS 301, 302, 303 or 304	3
EDU 221 Human Growth-Life Span Development	3	EDU 310 Intro to Excep Education	3
MUS 301 Form and Analysis	2	MUS 322 Music History 1685-1900	3
MUS 321 Music History to 1685	3	MUE 332 Fund/Meth Sec School	2
MUE 331 Fund/Meth Elem School	2	MUE 341 String Pedagogy	1
MUE 343 Woodwind Pedagogy I	1	MUE 344 Woodwind Pedagogy II	1
MUE 347 Percussion Pedagogy	1	MUE 345 Brass Pedagogy	1
MUS 361 Major Applied V/Lab	2	MUE 353 Choral Conducting	1
MUS Ensemble	1	MUS 362 Major Applied VI/Lab	2
	<u>18</u>	MUS Ensemble	<u>1</u>
			18

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 324 Found of Education	3	EDU 394 Clinical Experiences in Teaching	4
HED 221 Personal Health/Fitness	2	EDU 494 Supervised Teaching in Secondary Schools	12
MUS 303 Orchestration	2		16
MUS 324 20th Century Music	2		
**MUE 342 Voice Pedagogy	1		
MUE 354 Instrum. Conducting	1		
MUE 437 Instrum. Meths/Lit.	1		
MUS 461 Major Applied VII/Lab	2		
MUS 499 Senior Recital	1		
MUS Ensemble	1		
	<u>16</u>		



Vocal Option

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	***IGS 301, 302, 303 or 304	3
EDU 221 Human Growth-Life Span Development	3	EDU 310 Intro to Excep Education	3
MUS 301 Form and Analysis	2	MUS 322 Music History 1685-1900	3
MUS 321 Music History to 1685	3	MUE 332 Fund/Meth Sec School	2
MUE 331 Fund/Meth Elem School	2	MUE 341 String Pedagogy	1
MUE 348 Band Pedagogy	1	MUE 353 Choral Conducting	1
MUS 336 Phonetics and Diction	1	MUS 362 Major Applied VI/Lab	2
MUS 361 Major Applied V/Lab	2	MUS Ensemble	1
MUS Ensemble	1	HED 221 Personal Health/Fitness	2
	<u>18</u>		<u>18</u>

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 324 Found of Education	3	EDU 394 Clinical Experiences in Teaching	4
#MUS Elective	2	EDU 494 Supervised Teaching in Secondary Schools	12
MUS 303 Orchestration	2		16
MUS 324 20th Century Music	2		
**MUE 342 Voice Pedagogy	1		
MUE 354 Instrum. Conducting	1		
MUE 435 Vocal Meth & Lit	1		
MUS 461 Major Applied VII/Lab	2		
MUS 499 Senior Recital	1		
MUS Ensemble	1		
	<u>16</u>		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**In addition, keyboard majors must also take MUE 349 (Keyboard Pedagogy).

***IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

#Must be chosen from the Music Composition or Arranging sequence.

MUSIC EDUCATION ENDORSEMENTS

Students who have chosen the Vocal Option in Music Education may be certified to teach in the instrumental area by satisfying the following additional requirements:

Courses	Hours
MUE 343 Woodwind Pedagogy I	1
MUE 344 Woodwind Pedagogy II	1
MUE 345 Brass Pedagogy	1
MUE 347 Percussion Pedagogy	1
MUE 437 Instrumental Methods and Literature	1
MUS 120 Minor Applied (Band Instrument) I	1
MUS 120 Minor Applied (Band Instrument) I	1
MUS 403 Arranging (Instrumental)	2
MUS Instrumental Ensembles	3
	<u>12</u>

Students who have chosen the Instrumental Option in Music Education may be certified to teach in the vocal area by satisfying the following additional requirements:

Courses	Hours
MUS 336 Phonetics and Diction	1
MUE 435 Vocal Methods and Literature	1
MUS 120 Minor Applied (Voice) I	1
MUS 120 Minor Applied (Voice) I	1
MUS 220 Minor Applied (Piano) II	1
MUS 220 Minor Applied (Piano) II	1
MUE 350 Accompanying Pedagogy	1
MUS 403 Arranging (Vocal)	2
MUS Choral Ensembles	3
	<u>12</u>

Suggested Curriculum

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION — SECONDARY TEACHING

Total Hours: 134-138

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Inter. Algebra or above	3	ART 130 Introduction to Art OR	
BIO 111 Principles of Biology	4	MUS 130 Introduction to Music	3
		Foreign Language	3
HIS 103 Western Civilization	3	SPE 103 Interpersonal Commun.	3
PHE Activity	1	HED 107 First Aid and Safety	2
	17	HED 221 Personal Health/Fitness	2
			16

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro to Literature	3	PHS 201 Physical Sciences I	3
EDU 221 Human Growth-Life Span Development	3	ECO 200 Principles of Economics OR	
		POS 101 American Government	3
EDU 294 Intro to Teaching	2	PHE 206 Indiv. Sports II OR	
PSY 200 General Psychology	3	PHE 208 Indiv. Sports IV	2
*PHE 203 Tech/Team Sports I	2	PHE 240 Intermed Swimming	1
PHE 205 Indiv. Sports I OR		PHE 257 Phym Act. Elem	3
PHE 207 Indiv. Sports III	2	*PHE 204 Tech/Team Sports II	2
	16-18	*PHE 209 Tech/Tum/Floor Ex	2
			15-19

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
HED 223 Prin of Health Ed	3	PHE 320 Adaptive Phys Ed	3
BIO 301 Human Anatomy	3	PHE 323 Prin of Phys Ed	3
EDU 324 Found of Education	3	PHE 324 Athletic Injuries	3
HED 320 Health Ed in Schs OR		PHE 258 Indiv/Team Sports for Elem Sch OR	
HED 326 Survey of Diseases	3	PHE 259 Movmt/Gymnas. Act. for Elem Sch	3
*PHE 210 Tech/Gymnastics	2	PHE 331 Kinesiology	3
	15-17		18

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 409 Fund & Adm Secondary Ed	3	EDU 394 Clinical Experiences in Teaching	4
EDU 412 Meths/Teaching PE	3		
PHE 401 Tests and Measurements	3	EDU 494 Supervised Teaching in Secondary Schools	12
PHE 421 Org/Adm Health and PE	3		16
PHE 390 Sci Basis/Coaching OR			
PHE 391 Psy/Motor Learning	2		
PHE 330 Physiology of Exercise	3		
	17		

*Student must take either PHE 203 or 204 and PHE 209 or 210; PHE 203 and 210 are offered only during fall semesters and PHE 204 and 209 are offered only during spring semesters.
**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

NOTE: An elementary Physical Education endorsement may be obtained by completing the following additional credit hours: PHE 257, 258, 259 and 260; and EDU 305.



Suggested Curriculum

BACHELOR OF ARTS IN SOCIAL STUDIES EDUCATION — SECONDARY TEACHING

Total Hours: 135

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HED 221 Personal Health/Fitness	2
BIO 101 Life Science	3	SPE 103 Interpersonal Commun.	3
ART 130 Introduction to Art OR		POS 101 American Government	3
MUS 130 Introduction to Music	3	GEO 102 Principles of Geography	3
Foreign Language	3	Foreign Language	3
HIS 103 Western Civilization	3	PHE Activity	1
	<u>18</u>		<u>18</u>

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	IGS 201 Conver/Reshape/Cultures	3
PSY 200 General Psychology	3	BSS 200 Intro to Soc Sci Seminar	3
POS 160 State and Local Gov.	3	ENG 211 Intro to Literature	3
PHS 201 Physical Sciences I	3	EDU 221 Human Growth-Life Span Development	3
HIS 201 U.S. History to 1865	3	HIS 202 U.S. History Since 1865	3
EDU 294 Intro to Teaching	2	SOC 205 Intro to Sociology	3
	<u>17</u>		<u>18</u>

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303 or 304	3
SOC 303 Cultural Anthropology	3	EDU 310 Intro to Excep Education	3
HIS 331 Early Mod Europe	3	ECO 212 Prin. of Economics II	3
EDU 324 Found of Education	3	SOC 304 Race and Ethnic Rel	3
POS 201 Metropolitan Government	3	SOC 305 Con. Social Prob.	3
ECO 211 Prin. of Economics I	3		
	<u>18</u>		<u>15</u>

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 409 Fund & Adm/Secondary Ed	3	EDU 394 Clinical Experiences in Teaching	4
EDU 414 Meths/Tea. Soc. Studies	3		
BSS 499 Senior Colloquium	3	EDU 494 Supervised Teaching in Secondary Schools	12
HIS Elective	3		
SOC Elective (Major)	3		
	<u>15</u>		<u>16</u>

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Department of Home Economics



The Department of Home Economics offers coursework leading to a bachelor of arts degree in Child Development and Family Relations, and in Textiles, Clothing, and Merchandising. An associate degree is offered in Child Development and Family Relations.

BACHELOR OF ARTS DEGREES

Child Development and Family Relations

The baccalaureate degree program in this instructional area prepares students to direct or teach in early childhood programs and family service agencies. A minimum of 130 credit hours is required for the awarding of this degree. Required courses in Child Development and Family Relations are CDF 101, 102, 203, 204, 305, 315, 316, 407, 408, 409 and 420.

Textiles, Clothing and Merchandising

The Textiles, Clothing, and Merchandising program is an interdisciplinary program that is designed to provide knowledge and skills necessary for those who desire professional careers in the fashion and retail industry.

Students may select an Art or Business option. Each option requires completion of a minor (minimum 21 credit hours) in a supporting discipline and should be compatible with the student's professional interests and goals. Selection of courses for a minor requires faculty advisement.

The Textiles, Clothing and Merchandising program combines classroom instruction and field experiences in the clothing industry. Graduates are prepared for careers in retail management, buying, sales supervision, advertising, fashion, display, consumer services, personnel, operations, and credit.

A minimum of 129 credit hours is required for the Business option and 131 credit hours for the Art option. Students must consult with their faculty advisor to plan the most appropriate sequence of study. Courses required in the major are TCL 102, 221, 222, 231, 232, 311, 318, 337, 342 and 410. Additionally, students taking the Business option must take BUA 200, ACC 261, MGT 323, MKT 351, MKT 453, ECO 211 and 3 credit hours of Business elective.

Suggested Curriculum

BACHELOR OF ARTS IN CHILD DEVELOPMENT AND FAMILY RELATIONS

Total Hours: 130

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	SPE 103 Interpersonal Commun.	3
MAT 110 Interm. Algebra or above	3	ENG 102 English Composition II	3
HIS 103 Western Civilization	3	ART 130 Introduction to Art OR	
BIO 101 Life Science	3	MUS 130 Introduction to Music	3
HED 221 Personal Health/Fitness OR		*Natural Science	3
PHE Activity	2	CDF 102 Family Development I	3
CDF 101 Intro to Early Childhood Education	3		15
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro to Literature	3	ECO 200 Survey of Economics OR	
PSY 200 General Psychology OR		POS 101 American Government	3
SOC 205 Intro to Sociology	3	Foreign Language	3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures	3
CDF 203 Child Development I	3	CDF 204 Child Development II	3
FNU 101 Intro to Foods	3	TCL 231 Intro to Design	3
	18	FNU 203 Nutrition & Health	2
			17

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
HEC 308 Family Consumer Problems	3	MUS 333 Music Fundamentals	3
CDF 305 Material/Meth in ECE	3	CDF 316 Teacher's Role in	
CDF 315 Child Guidance	3	Fam/Sch Relations	3
ENG 260 Children's Literature	3	SOW 308 Dynamics of Marriage &	
EDU 310 Intro to Excep Education	3	Family Relations	3
	18	Elective	3
			15

SENIOR YEAR

Fall	Hours	Spring	Hours
TCL 311 Social and Psychol.		CDF 408 Adv. Practicum in	
Aspects of Clothing	3	ECE II	3
CDF 420 Parent Education	3	SOW 430 Child Welfare Serv.	3
CDF 407 Adv. Practicum in ECE I	3	Electives	9
CDF 409 Organ. & Admin of			15
ECE Programs	3		
Elective	3		
	15		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum

BACHELOR OF ARTS IN TEXTILES, CLOTHING AND MERCHANDISING

(Art Option)

Total Hours: 131

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	SPE 103 Interpersonal Commun.	3
HIS 103 Western Civilization	3	*Natural Science	3
BIO 101 Life Science	3	BUA 200 Computer Appl. Bus.	3
HED 221 Personal Health/Fitness OR		TCL 102 Principles of Clothing	3
PHE Activity	2		15
ART 110 Drawing I	3		
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro to Literature	3	ECO 200 Survey of Economics	3
Foreign Language	3	Foreign Language	3
IGS 200 Found. of Western Culture	3	TCL 222 Textiles II	3
ART 112 Two-Dimensional Design	3	TCL 232 Decorative Textiles	3
TCL 231 Intro to Design	3	MUS 130 Introduction to Music OR	
TCL 221 Textiles I	3	ART 130 Introduction to Art	3
	18	IGS 201 Converge/Reshape/Cultures	3
			18

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	ART 310 Drawing III	3
HEC 308 Family Consumer Problems	3	HEC 304 Home Furn. & Design	3
MKT 351 Prin. of Marketing	3	TCL 318 Historic Costume	3
TCL 311 Social and Psycho Aspects		TCL 342 Fashion Mdse.	4
of Clothing	3	**IGS 301, 302, 303 or 304	3
TCL 337 Fashion Analysis	3	EDU 318 Educational Media	2
ART Elective	3		18
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
TCL 410 Practical Problems		MKT 453 Principles of Retailing	3
& Field Experience	12	PSY 200 General Psychology OR	
	12	SOC 201 Intro to Sociology	3
		ART Elective	3
		Electives	6
			15

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum
BACHELOR OF ARTS IN TEXTILES, CLOTHING AND MERCHANDISING
(Business Option)
Total Hours: 129

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	SPE 103 Interpersonal Comm.	3
HIS 103 Western Civilization	3	*Natural Science	3
BIO 101 Life Science	3	BUA 200 Computer Appl. Bus.	3
HED 221 Personal Health/Fitness OR PHE Activity	2	TCL 102 Principles of Clothing	3
ART 130 Introduction to Art OR			15
MUS 130 Introduction to Music	3		
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro to Literature	3	IGS 201 Converg/Reshape/Cultures	3
	3	Foreign Language	3
IGS 200 Found. of Western Culture	3	TCL 222 Textiles II	3
ACC 261 Prin. of Accounting I	3	TCL 232 Decorative Textiles	3
TCL 231 Intro to Design	3	**ECO 211 Principles of Economics	3
TCL 221 Textiles I	3	PSY 200 General Psychology OR	
	18	SOC 205 Intro to Sociology	3
			18

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	***IGS 301, 302, 303 or 304	3
MGT 323 Principles of Management	3	HEC 304 Home Furn. & Design	3
HEC 308 Family Consumer Problems	3	TCL 318 Historic Costume	3
MKT 351 Prin of Marketing	3	TCL 342 Fashion Mdse.	4
TCL 311 Social and Psycho Aspects of Clothing	3	Elective (Business)	3
TCL 337 Fashion Analysis	3		16
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
TCL 410 Practical Problems & Field Experience	12	MKT 453 Principles of Retailing Electives	3
	12		15

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.
**Satisfies the Liberal Studies Requirements.
***IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

**ASSOCIATE IN APPLIED
SCIENCE DEGREE**

Child Development and Family Relations
The Associate in Applied Science degree program in

Child Development and Family Relations is designed to prepare students for positions in childcare-related programs. A minimum of 67 credit hours is required. Courses required in the major are CDF 101, 102, 203 and 204.

Suggested Curriculum
ASSOCIATE IN APPLIED SCIENCE IN CHILD DEVELOPMENT AND FAMILY RELATIONS
Total Hours: 67

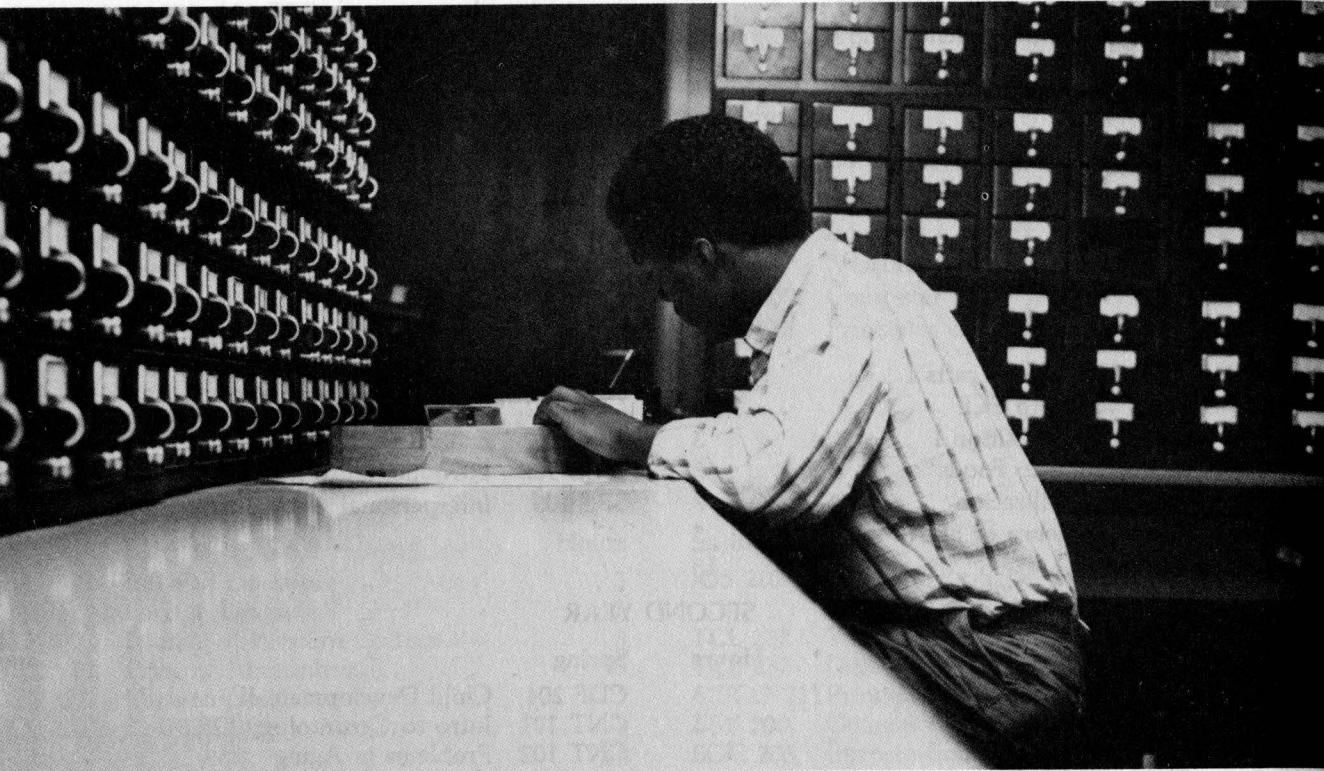
FIRST YEAR

Fall	Hours	Spring	Hours
ART 101 Public Sch Arts/Crafts I	3	BIO 112 Mod Topics in Biol.	3
CDF 101 Introduction to ECE	3	CDF 102 Family Development	3
ENG 101 English Composition I	3	ENG 102 English Composition II	3
FNU 101 Introduction to Foods	3	MUS 130 Introduction to Music	3
HIS 103 Western Civilization	3	SPE 103 Interpersonal Commun.	3
MAT 110 Interim. Algebra or above	3		15
	18		

SECOND YEAR

Fall	Hours	Spring	Hours
BUA 200 Computer Appl. Bus.	3	CDF 204 Child Development II	3
CDF 203 Child Development I	3	GNT 101 Intro to Gerontology OR	
COS 100 Introduction to EDP	3	GNT 102 Problems in Aging	3
ENG 260 Children's Literature	3	HED 221 Personal Health/Fitness	2
FNU 203 Nutrition & Health	2	PSY 200 General Psychology	3
REC 201 Games & Sports	3	PHE 257 Rhym. Activities	3
	17	Elective	3
			17

Department of Social Work and Criminal Justice



The Department of Social Work and Criminal Justice offers three degree programs. The degrees are an Associate in Applied Science in Criminal Justice, a Bachelor of Arts in Criminal Justice, and a Bachelor of Arts in Social Work. In addition, minors are offered in Criminal Justice and in Gerontology.

BACHELOR OF ARTS DEGREES

Criminal Justice

The baccalaureate degree program in Criminal Justice is designed to prepare students for meaningful careers in law enforcement, correctional services, probation, parole, and other criminal justice-related areas, as well as for admission to law school. It also provides students with the fundamentals for advanced study in graduate school.

The requirements for a Bachelor of Arts degree in Criminal Justice are 134 credit hours. These hours include 45 credit hours of Criminal Justice, 15 credit hours of sociology, 12 credit hours of electives, and 9 credit hours of support courses. The following Criminal Justice courses are required for a Bachelor of Arts degree: CJE 101, 103, 200, 203, 204, 205, 303, 304, 390, 404, 405, 407, and 408. The remaining 6 credit hours are Criminal Justice electives and may be selected on the basis of the student's area of interest.

The requirements for a minor in Criminal Justice are 18 credit hours in Criminal Justice. The following Criminal Justice courses are required for a minor: CJE 101, 103, 200, 203, and 205. The remaining 3 credit hours may be selected on the basis of the student's area of interest and must be a 200-level course in Criminal Justice.

Social Work

The Bachelor of Arts degree program in Social Work is accredited by the Council on Social Work Education. The principal objective of the social work program is to prepare undergraduate students for entry-level professional social work practice. The curriculum utilizes class and field instruction to develop and strengthen the processes, values, skills and knowledge essential for alleviating problems that impair the social functioning of individuals, families, groups, and communities.

The requirements for an undergraduate degree in Social Work are 134 credit hours. These include 45 credit hours of Social Work, 18 credit hours of Sociology, 9 credit hours of support courses, and 9 credit hours of electives. Students must consult with their faculty advisors in planning the most appropriate sequence of study.

The required courses in Social Work are SOW 201, 300, 306, 308, 310, 320, 321, 322, 324, 325, 406, 420, 424, and 425.

Suggested Curriculum BACHELOR OF ARTS IN CRIMINAL JUSTICE Total Hours: 134

FRESHMAN YEAR

Fall	Hours	Spring	Hours
CJE 101 Intro to Crim. Just.	3	CJE 103 Intro to Criminal Law	3
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	BIO 112 Explor/Mod Topics OR	
HIS 103 Western Civilization	3	PHS 201 Physical Sciences I	3
BIO 101 Life Science	3	SPE 103 Interpersonal Commun.	3
HED 221 Personal Health/Fitness OR		ART 130 Introduction to Art OR	
PHE Activity	2	MUS 130 Introduction to Music	3
	17		15

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
CJE 200 Police Systems	3	CJE 204 Criminal Evidence	3
CJE 203 Criminal Procedure	3	CJE 205 Intro. to Corrections	3
ENG 211 Intro. to Literature	3	IGS 201 Conver/Reshape/Cultures	3
		PSY 200 General Psychology	3
COS 101 Fund. Micro. Prog/BASIC	3		
IGS 200 Found. of Western Culture	3	POS 101 American Government	3
	18		18

JUNIOR YEAR

Fall	Hours	Spring	Hours
CJE 303 Constitutional Issues I	3	CJE 304 Constitutional Issues II	3
CJE 390 Crim. Just. Internship	3	CJE Elective	3
CJE Elective	3	*IGS 301, 302, 303 or 304	3
SOC 205 Intro. to Sociology	3	ENG 216 Technical Writing	3
IGS 300 New Forms of Culture	3	Elective	3
	3		15
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
CJE 404 Institutional Correc.	3	CJE 405 Community Corrections	3
CJE 407 Crim. Just. Admin I	3	CJE 408 Crim. Just. Admin II	3
SOC 343 Juvenile Delinq.	3	SOC 423 Criminology	3
SOC 305 Contemp. Social Problems	3	Electives	6
SOC 300 Stat. and Res. Design I	3		15
PSY 400 Abnormal Psychology	3		
	3		
	18		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

Suggested Curriculum
BACHELOR OF ARTS IN SOCIAL WORK
Total Hours: 134

FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	BIO 112 Mod. Topics in Biology	3
ENG 101 English Composition I	3	ENG 102 English Composition II	3
HIS 103 Western Civilization	3	ART 130 Introduction to Art OR	
POS 101 American Government	3	MUS 130 Introduction to Music	3
PHE Activity OR		POS 160 State & Local Government	3
HED 221 Personal Health/Fitness	2	SPE 103 Interpersonal Commun.	3
MAT 110 Interm. Algebra or above	3		15
	17		

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
PSY 200 General Psychology	3	SOC 304 Race and Ethnic Relations	3
ENG 211 Intro. to Literature	3	SOW 201 Career Choice	3
SOC 205 Introduction to Sociology	3		3
ECO 211 Principles of Economics I	3	PHI 210 Introduction to Logic	3
	3	SOC 305 Contemp. Social Problems	3
IGS 200 Found. of Western Culture	3	IGS 201 Converg/Reshape/Cultures	3
	18		18

JUNIOR YEAR

Fall	Hours	Spring	Hours
SOW 306 Human Behavior I	3	SOW 301 Stat. and Res. Design II	3
SOW 321 Policies, Issues, Prog I	3	SOW 320 Basic Skills in Soc. Work	3
SOW 300 Stat. and Res. Design I	3	SOW 322 Policies, Issues, Prog II	3
SOW 308 Dynamics of Marriage and Family	3	SOW 324 Field Instruction I	6
SOW 310 Found. of Social Work	3	SOW 325 Social Work Seminar I	3
IGS 300 New Forms of Culture	3		18
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
SOC 403 Social Psychology	3	SOW 424 Field Instruction II	6
SOW 406 Human Behavior II	3	SOW 425 Social Work Seminar II	3
SOW 420 Advanced Skills	3	Electives	6
*IGS 301, 302, 303 or 304	3		15
Elective	3		
	15		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

ASSOCIATE IN APPLIED SCIENCE DEGREE

Criminal Justice

The major objective of the Associate of Applied Science degree program in Criminal Justice is to prepare students

for careers in law enforcement and correctional services. The requirements for this degree are 66 credit hours, which include 33 credit hours in Criminal Justice. The required Criminal Justice courses are CJE 101, 103, 200, 202, 203, 204, 205, 208, 210, 211, and 212.

Suggested Curriculum
ASSOCIATE IN APPLIED SCIENCE DEGREE IN CRIMINAL JUSTICE
Total Hours: 66

FIRST YEAR

Fall	Hours	Spring	Hours
CJE 101 Intro to Crim. Just.	3	CJE 103 Intro to Criminal Law	3
MAT 110 Interm. Algebra or above	3	ENG 102 English Composition II	3
ENG 101 English Composition I	3	POS 102 State Government OR	
POS 101 American Government	3	POS 201 Metro Government	3
	3	SPE 103 Interpersonal Commun.	3
	15	Liberal Studies Elective	3
			15

SECOND YEAR

Fall	Hours	Spring	Hours
CJE 200 Police Systems	3	CJE 202 Police Patrol	3
CJE 203 Criminal Procedure	3	CJE 204 Criminal Evidence	3
PSY 200 General Psychology	3	CJE 205 Intro. to Corrections	3
CJE 208 Private Security	3	CJE 210 Community Relations	3
CJE 211 Police Administration I	3	CJE 212 Police Administration II	3
ENG 216 Technical Writing	3	SOC 205 Introduction to Sociology	3
	18		18

MINOR IN GERONTOLOGY

The field of Gerontology combines studies in Sociology, Psychology, Social Work, Education, Medicine, Biology, Physiology, Home Economics, Health and Physical Education, Public Affairs, and others.

The minor in Gerontology consists of 21 credit hours.

The requirements are GNT 101, 102, 201 and 301, plus 9 credit hours of electives from the following: SOC 403 and GNT 400, 401, and 402.

The minor in Gerontology is approved by the Association of Gerontology in Higher Education.

The School of Business

Executives who gain a value perspective on capitalism enhance their chances of achieving harmony between their personal and professional lives. They have a 'sense of place' within the broader societal context and understand the underlying purpose of their activities for humankind.

—Joseph Pichler

The Kentucky State University School of Business prepares men and women for business careers that require decision-making in a complex economic setting — one inextricably interwoven into a dynamic and diverse social, political and cultural environment. Seeing the business firm from this perspective, the School of Business has four overriding goals: (1) to provide for all students, through the University's Liberal Studies Requirements, a firm base of liberal education that will develop within the student a global view of human understanding; (2) to present business instruction so that students may understand the functions of the business firm as a whole and the purposes of specific areas of business in particular; (3) to develop within the student an appreciation of the importance of logical and analytical reasoning, a systematic approach to problem solving, and effective communications as these concepts apply to decision making in the business firm; and (4) to develop a view among students that the baccalaureate degree in business administration is the initial step toward a lifetime commitment to personal growth and intellectual maturity.

The School of Business recognizes that the growing, rapidly changing character of American business demands that individuals involved in the decision-making process of business firms project their thinking to the future. They must be creative and innovative, while understanding the successes and failures of the past. This concept permeates the School's programs. The curriculum's strong liberal arts component provides students with a foundation from which to evaluate a business firm's social and moral responsibilities and their own individual responsibilities as they develop a personal philosophy of business.

Prizes, Awards and Scholarships: The following awards are made to students in the School of Business: Outstanding Accounting Student, Outstanding Business Administration Student, Outstanding Economics Student, Outstanding Management Student, Outstanding Marketing Student, and the Wall Street Journal Award.



DEGREE PROGRAMS

The degree programs in the School of Business lead to a Bachelor of Arts degree in Business Administration and provide for a broad education as well as a reasonable amount of specialization. In accordance with the standards of the American Assembly of Collegiate Schools of Business, the School requires that a significant part of a student's academic program be in general education subjects. These courses are then complemented by (1) courses in basic areas of business administration that collectively constitute a common body of knowledge of business and (2) a specialization of courses in a functional area of business. *The Bachelor of Arts degree in Business Administration is offered with specializations in Accounting, Business Administration, Economics, Management, and Marketing. The Bachelor of Arts degree in Business Administration with a specialization in Management and a minor in Manufacturing is offered in cooperation with the Department of Industrial Technology in the University's Community College.*

Degree Requirements: Students in the School of Business are responsible for planning their own programs and for meeting degree requirements. It is their responsibility to understand fully and to comply with all the provisions of this Catalogue. Requests for deviation from School of Business or University requirements may be granted only upon written approval from the Dean of the School of Business or Vice President for Academic Affairs or their respective representatives.

Transfer Credit Policy: Students who transfer credits from other colleges and universities to substitute for business courses must have those transfer credits approved by the Dean of the School of Business. Courses in basic business subjects (freshman- and sophomore-level courses) will be accepted for specific equivalency if from an acceptably accredited institution. Courses equivalent to advanced business subjects (junior- and senior-level courses) offered at Kentucky State University must come from a baccalaureate institution accredited by the Southern Association of Colleges and Schools or its equivalent and must carry an advanced designation. Certain courses failing to meet these criteria may be validated by successful completion of related advanced-level courses in the School of Business or, in certain cases, by successful completion of challenge examinations.

Hour Requirements: The minimum number of credit hours required for the Bachelor of Arts degree in Business Administration is 128.

THE CURRICULA FOR MAJORS

The curricula of the School of Business consist essentially of three parts: (1) the Liberal Studies Requirements; (2) the basic business common-body-of-knowledge

courses in Business Administration, and (3) professional courses for specialization in Accounting, Business Administration, Economics, Management, or Marketing.

The Liberal Studies Requirements are described elsewhere in this Catalogue. The Social Science requirement of the Liberal Studies Requirements is normally met by choosing either ECO 200 or POS 101. Business students, however, must take ECO 211 in place of ECO 200 or POS 101. ECO 211 will fulfill one of the Liberal Studies Requirements and a requirement of the basic business common-body-of-knowledge curriculum.

BASIC BUSINESS COMMON-BODY-OF-KNOWLEDGE CURRICULUM

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BUA 200	Computer Applications in Business	3
BUA 321	Legal Environment	3
BUA 330	Corporation Finance	3
BUE 204	Business Communications OR	
ENG 216	Technical Writing	3
COS 101	Fundamentals of Microcomputer Programming-BASIC	3
ECO 211	Principles of Economics I	3
ECO 212	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 312	Business Statistics II	3
ECO 321	Quantitative Methods of Decision Making	3
ECO 329	International Economics	3
ECO 411	Money and Banking	3
MAT 125	Linear Algebra and Differential Calculus with Business Applications	3
MGT 323	Principles of Management	3
MGT 490	Business Policies	3
MKT 351	Principles of Marketing	3
Total Hours		54



PROFESSIONAL COURSES FOR SPECIALIZATION

Accounting: The curriculum provides students with a general exposure to the primary areas of Accounting. Students completing the curriculum are eligible to begin careers in professional accounting.

Number	Course Title	Hours
ACC 361	Intermediate Accounting I	3
ACC 362	Intermediate Accounting II	3
ACC 410	Accounting Systems	3
ACC 462	Federal Income Taxation	3
ACC 481	Cost Accounting I	3
ACC 485	Advanced Accounting	3
ACC 490	Auditing	3
	*Accounting Elective	3
	Total Hours	24

*May be chosen from courses with an ACC prefix except ACC 400.

Business Administration: This curriculum is for students who desire a broad business background without extensive specialization in any single field.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
ECO 424	Labor Problems	3
MGT 433	Personnel Administration	3
	*Professional Electives	15
	Total Hours	24

*May be chosen from those courses with prefixes of ACC, BUA, ECO, MGT, or MKT; or OAD 230 or PSY 402.

Economics: This curriculum offers specialized courses for those who desire to serve as economic analysts and specialists in business, education, government, and various international agencies. Students intending to pursue graduate programs in law, business, public administration, or economics will find that the Economics curriculum serves as an excellent foundation.

Number	Course Title	Hours
ECO 322	Microeconomics	3
ECO 323	Macroeconomics	3
ECO 420	History of Economic Thought	3
ECO 424	Labor Problems	3
ECO 425	Comparative Economic Systems	3
	*Professional Electives	9
	Total Hours	24

*May be chosen from those courses with prefixes of ACC, BUA, ECO, MGT, or MKT; or OAD 230.

Management: This specialization accommodates students whose interests include the preparation for entry into cor-

porate management training positions, the application of behavioral science to management, the personnel function in both line and staff capacities, and managing a small business.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
ECO 424	Labor Problems	3
MGT 433	Personnel Administration	3
MGT 452	Transport. and Business Logistics	3
MGT 455	Production Management	3
MGT 460	Human Behavior in Organizations	3
	*Management Electives	6
	Total Hours	24

*May be chosen from courses with MGT prefix or PSY 402.

Management with Minor in Manufacturing: A specialization in Management with a minor in Manufacturing is offered in cooperation with the Department of Industrial Technology. This program leads to the Bachelor of Arts degree in Business Administration with a specialization in Management and a minor in Manufacturing. The program accommodates students interested in a production-based management career with a curriculum combining traditional management concepts and a technically oriented preparation in Manufacturing Technology.

Number	Course Title	Hours
Business Courses:		
ACC 400	Managerial Accounting	3
ECO 424	Labor Problems	3
MGT 433	Personnel Administration	3
MGT 460	Human Behavior in Organizations	3
MGT 455	Production Management	3

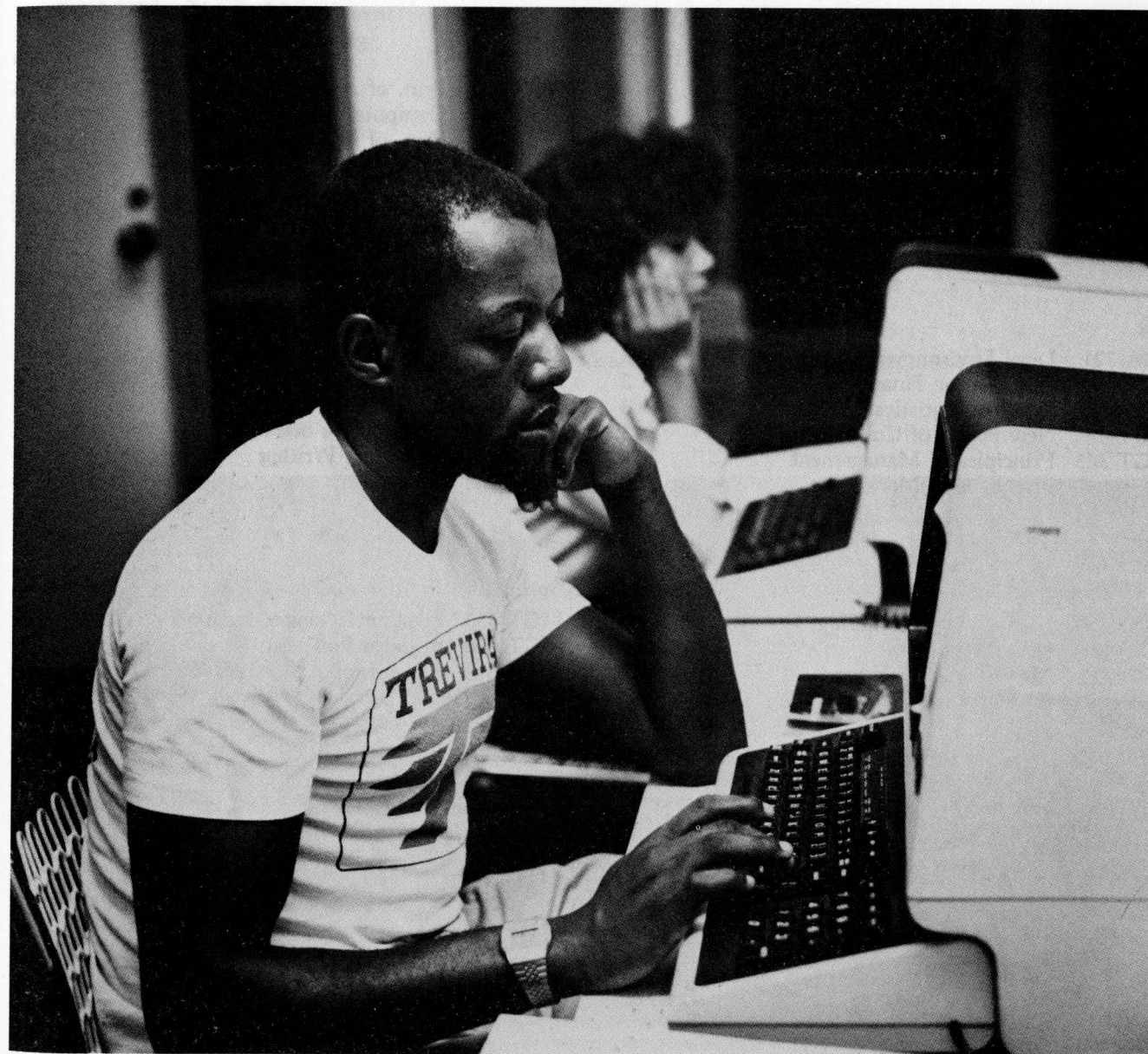
Industrial Technology Courses:

IET 101	Engineering Drafting I OR	
IET 141	Introduction to Metal Processes OR	
IET 208	Computer Aided Drafting	3
IET 142	Machine Tool Processing	3
IET 227	Electronics Logic/Microprocessors	3
IET 243	Motion and Time Study	3
IET 244	Material Science and Testing OR	
IET 212	Industrial Materials and Processes OR	
IET 213	Manufacturing	3
IET 246	Numerical Control Fundamentals	3
IET 249	Quality Control	3
IET 263	Plant Layout OR	
IET 262	Industrial Safety OR	
IET 264	Analysis and Organization for Industrial Training OR	
IET 248	Robotics I	3
	Total Hours	39

Marketing: The Marketing curriculum provides a specialization of study for students planning careers in marketing research, advertising, retailing, or sales management.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
MGT 452	Transport. and Business Logistics	3
MKT 410	Marketing Communications	3
MKT 430	Marketing Research	3
MKT 440	Consumer Behavior	3
MKT 455	Sales Management	3
	*Marketing Electives	6
	Total Hours	24

*May be chosen from courses with MKT prefix.



Suggested Curriculum
BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
Total Hours: 128

FRESHMAN YEAR

Fall		Hours	Spring		Hours
ART 130	Introduction to Art OR		ENG 102	English Composition II	3
MUS 130	Introduction to Music	3	HED 221	Personal Health/Fitness OR	
BIO 101	Life Science	3	PHE	Activity	2
ENG 101	English Composition I	3	MAT 125	Calc/Algebra-Bus. Applic.	3
HIS 103	Western Civilization	3		*Natural Science	3
MAT 110	Interm. Algebra or above	3	PSY 200	General Psychology	3
		15	SPE 103	Interpersonal Commun.	3
					17

SOPHOMORE YEAR

Fall		Hours	Spring		Hours
ACC 261	Prin. of Accounting I	3	ACC 262	Prin. of Accounting II	3
COS 101	Fund Micro Prog/BASIC	3	BUA 200	Computer Appl. Bus.	3
ECO 211	Prin. of Economics I	3	ECO 212	Prin. of Economics II	3
ENG 211	Intro. to Literature	3		Foreign Language	3
	Foreign Language	3	IGS 201	Converg/Reshape/Culture	3
IGS 200	Found. of Western Culture	3			15
		18			

JUNIOR YEAR

Fall		Hours	Spring		Hours
BUA 321	Legal Environment II	3	ECO 312	Business Statistics II	3
BUA 330	Corporation Finance	3	ECO 321	Quantitative Methods	3
ECO 311	Business Statistics I	3	ECO 329	International Economics	3
IGS 300	New Forms of Culture	3	**IGS 301, 302, 303, or 304		3
MGT 323	Principles of Management	3		***Report Writing	3
MKT 351	Principles of Marketing	3			15
		18			

SENIOR YEAR

Fall		Hours	Spring		Hours
ACC 400	Managerial Accounting	3	MGT 433	Personnel Administration	3
ECO 424	Labor Problems	3	MGT 490	Business Policies	3
ECO 411	Money and Banking	3		#Professional Electives	9
	#Professional Electives	6			15
		15			

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.
**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience).
***May take BUE 204 or ENG 216.
#May be OAD 230 or PSY 402 or chosen from courses with prefixes of ACC, BUA, ECO, MGT, and MKT.

Suggested Curriculum
BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
WITH A SPECIALIZATION IN ACCOUNTING
Total Hours: 128

Students electing a specialization in Accounting will follow the freshman and sophomore year curriculum in Business Administration.

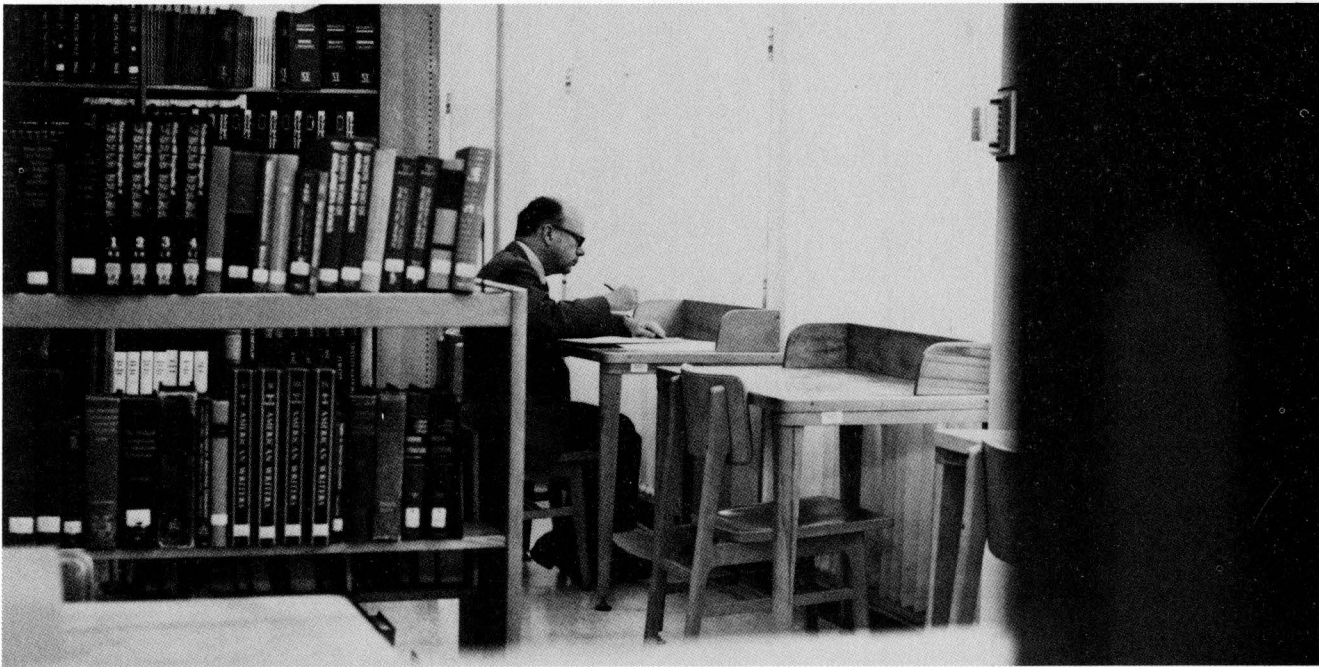
JUNIOR YEAR

Fall		Hours	Spring		Hours
ACC 361	Interm. Accounting I	3	ACC 362	Interm. Accounting II	3
BUA 321	Legal Environment	3	ECO 312	Business Statistics II	3
ECO 311	Business Statistics I	3	ECO 321	Quantitative Methods	3
IGS 300	New Forms of Culture	3	*IGS 301, 302, 303, 304		3
MGT 323	Principles of Management	3		**Report Writing	3
MKT 351	Principles of Marketing	3			15
		18			

SENIOR YEAR

Fall		Hours	Spring		Hours
ACC 462	Federal Income Taxation	3	ACC 410	Accounting Systems	3
ACC 481	Cost Accounting I	3	ACC 490	Auditing	3
ACC 485	Advanced Accounting	3	***ACC	Elective	3
BUA 330	Corporation Finance	3	ECO 329	International Economics	3
ECO 411	Money and Banking	3	MGT 490	Business Policies	3
		15			15

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)
**May take BUE 204 or ENG 216.
***May be chosen from courses with ACC prefix, except ACC 400.



Suggested Curriculum
BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
WITH A SPECIALIZATION IN ECONOMICS
Total Hours: 128

Students electing a specialization in Economics will follow the freshman and sophomore year curriculum for Business Administration.

JUNIOR YEAR			
Fall	Hours	Spring	Hours
BUA 321 Legal Environment	3	ECO 312 Business Statistics II	3
ECO 311 Business Statistics I	3	ECO 321 Quantitative Methods	3
ECO 322 Microeconomics	3	ECO 323 Macroeconomics	3
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303, 304	3
MGT 323 Principles of Management	3	**Report Writing	3
MKT 351 Principles of Marketing	3		15
	18		
SENIOR YEAR			
Fall	Hours	Spring	Hours
BUA 330 Corporation Finance	3	ECO 329 International Economics	3
ECO 411 Money and Banking	3	ECO 425 Comparative Econ. Systems	3
ECO 420 Hist. Economic Thought	3	MGT 490 Business Policies	3
ECO 424 Labor Problems	3	***Professional Electives	6
***Professional Elective	3		15
	15		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)
**May take BUE 204 or ENG 216.
***May be OAD 230 or chosen from courses with prefixes of ACC, BUA, ECO, MGT, and MKT.

Suggested Curriculum
BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
WITH A SPECIALIZATION IN MANAGEMENT
Total Hours: 128

Students electing a specialization in Management will follow the freshman and sophomore year curriculum for Business Administration.

JUNIOR YEAR			
Fall	Hours	Spring	Hours
BUA 321 Legal Environment	3	ECO 312 Business Statistics II	3
BUA 330 Corporation Finance	3	ECO 321 Quantitative Methods	3
ECO 311 Business Statistics I	3	ECO 329 International Economics	3
MGT 323 Principles of Management	3	*IGS 301, 302, 303, 304	3
MKT 351 Principles of Marketing	3	**Report Writing	3
IGS 300 New Forms of Culture	3		15
	18		
SENIOR YEAR			
Fall	Hours	Spring	Hours
ACC 400 Managerial Accounting	3	***Management Elective	3
ECO 411 Money and Banking	3	MGT 433 Personnel Administration	3
ECO 424 Labor Problems	3	MGT 460 Human Behav. in Organ.	3
MGT 452 Trans. & Bus. Logistics	3	MGT 455 Production Management	3
***Management Elective	3	MGT 490 Business Policies	3
	15		15

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)
**May take BUE 204 or ENG 216.
***May be PSY 402 or chosen from courses with MGT prefix.

Suggested Curriculum

**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
WITH A SPECIALIZATION IN MANAGEMENT WITH A MINOR IN MANUFACTURING**

Total Hours: 143

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ART 130 Introduction to Art OR		ENG 102 English Composition II	3
MUS 130 Introduction to Music	3	HED 221 Personal Health/Fitness OR	
BIO 101 Life Science	3	PHE Activity	2
COS 101 Fund Micro Prog/BASIC	3	MAT 125 Calc/Algebra-Bus. Applic.	3
ENG 101 English Composition I	3	*Natural Science	3
MAT 110 Interim. Algebra or above	3	PSY 200 General Psychology	3
HIS 103 Western Civilization	3	SPE 103 Interpersonal Commun.	3
	18		17

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ACC 261 Prin. of Accounting I	3	ACC 262 Prin. of Accounting II	3
ECO 211 Prin. of Economics I	3	BUA 200 Computer Appl. Bus.	3
ENG 211 Intro. to Literature	3	ECO 212 Prin. of Economics II	3
IGS 200 Found. of Western Culture	3	Foreign Language	3
IET 101 Engineering Drafting I OR		IGS 201 Converge/Reshape/Culture	3
IET 141 Intro. to Metal Proc. OR		IET 142 Machine Tool Processing	3
IET 208 Computer-Aided Drafting	3		18
Foreign Language	3		
	18		

JUNIOR YEAR

Fall	Hours	Spring	Hours
BUA 321 Legal Environment	3	ECO 312 Business Statistics II	3
BUA 330 Corporation Finance	3	ECO 321 Quantitative Methods	3
ECO 311 Business Statistics I	3	ECO 329 International Economics	3
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303, 304	3
MGT 323 Principles of Management	3	IET 246 Numerical Control	3
MKT 351 Principles of Marketing	3	***Report Writing	3
	18		18

SENIOR YEAR

Fall	Hours	Spring	Hours
ACC 400 Managerial Accounting	3	IET 249 Quality Control	3
ECO 411 Money and Banking	3	IET 263 Plant Layout OR	
ECO 424 Labor Problems	3	IET 262 Industrial Safety OR	
IET 227 Elect./Logic/Microproc.	3	IET 264 Analy/Organ-Indus. Train OR	3
IET 243 Motion and Time Study	3	IET 248 Robotics	3
IET 244 Material Science/Testing OR		MGT 433 Personnel Administration	3
IET 212 Industrial Materials OR		MGT 460 Human Behav. in Organiz.	3
IET 213 Manufacturing	3	MGT 455 Production Management	3
	18	MGT 490 Business Policies	3
			18

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

**IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

***May take BUE 204 or ENG 216.

Suggested Curriculum

**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
WITH A SPECIALIZATION IN MARKETING**

Total Hours: 128

Students electing a specialization in Marketing will follow the freshman and sophomore year curriculum for Business Administration.

JUNIOR YEAR

Fall	Hours	Spring	Hours
BUA 321 Legal Environment	3	ECO 312 Business Statistics II	3
BUA 330 Corporation Finance	3	ECO 321 Quantitative Methods	3
ECO 311 Business Statistics I	3	ECO 329 International Economics	3
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303, 304	3
MGT 323 Principles of Management	3	**Report Writing	3
MKT 351 Principles of Marketing	3		15
	18		

SENIOR YEAR

Fall	Hours	Spring	Hours
ACC 400 Managerial Accounting	3	MGT 452 Trans. and Bus. Logistics	3
MKT 410 Marketing Communications	3	MGT 490 Business Policies	3
MKT 430 Marketing Research	3	MKT 455 Sales Management	3
MKT 440 Consumer Behavior	3	MKT Electives	6
ECO 411 Money and Banking	3		15
	15		

*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)

**May take BUE 204 or ENG 216.

PROGRAMS LEADING TO MINORS

The School of Business, in addition to its degree programs, offers programs that lead to minors in Accounting, Economics, Finance, Management and Marketing. All University baccalaureate degree-seeking students may pursue minors in the School of Business.

Minor in Accounting: Students electing a minor in Accounting should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ACC 361	Intermediate Accounting I	3
ACC 362	Intermediate Accounting II	3
	*Accounting Elective	3
ECO 211	Principles of Economics I	3
ECO 212	Principles of Economics II	3
	Total Hours	21

*May be chosen from courses with ACC prefix, excluding ACC 400.

Minor in Economics: Students electing a minor in Economics should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent.

Number	Course Title	Hours
ECO 211	Principles of Economics I	3
ECO 212	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 322	Microeconomics	3
ECO 323	Macroeconomics	3
ECO 411	Money and Banking	3
ECO 424	Labor Problems	3
	Total Hours	21

Minor in Finance: Students electing a minor in Finance should complete the following course sequence. As a prerequisite, the student should have completed MAT 110 or its equivalent.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BUA 330	Corporation Finance	3
BUA 420	Financial Institutions and Markets	3
BUA 430	Investments	3
BUA 440	Personal Financial Planning	3
ECO 211	Principles of Economics I	3
ECO 212	Principles of Economics II	3
Total Hours		24

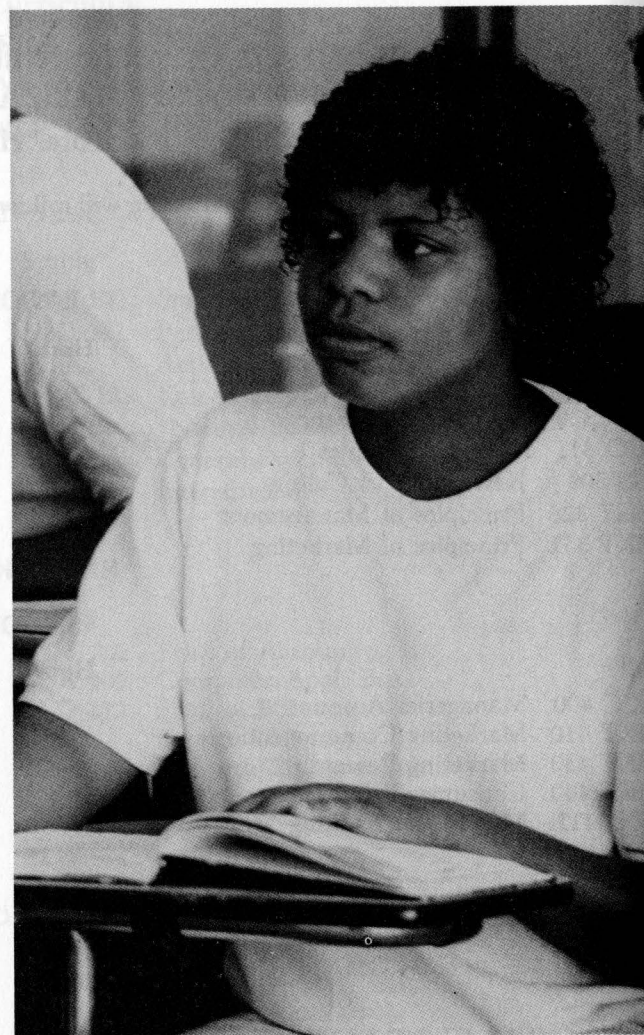
Minor in Management: Students electing a minor in Management should complete the following course sequence. As a prerequisite, the student should have completed MAT 110 or its equivalent.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ECO 211	Principles of Economics I	3
ECO 212	Principles of Economics II	3
MGT 323	Principles of Management	3
MGT 433	Personnel Administration	3
MGT 460	Human Behavior in Organizations	3
	*Management Elective	3
Total Hours		24

*May be PSY 402 or chosen from courses with MGT prefix.

Minor in Marketing: Students electing a minor in Marketing should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ECO 211	Principles of Economics I	3
ECO 212	Principles of Economics II	3
MGT 323	Principles of Management	3
MKT 351	Principles of Marketing	3
MKT 410	Marketing Communications	3
MKT 420	Marketing Management	3
MKT	Elective	3
Total Hours		27



The Community College

The great end to education is to discipline rather than furnish the mind; to train it to the use of its own powers, rather than fill it with the accumulations of others.

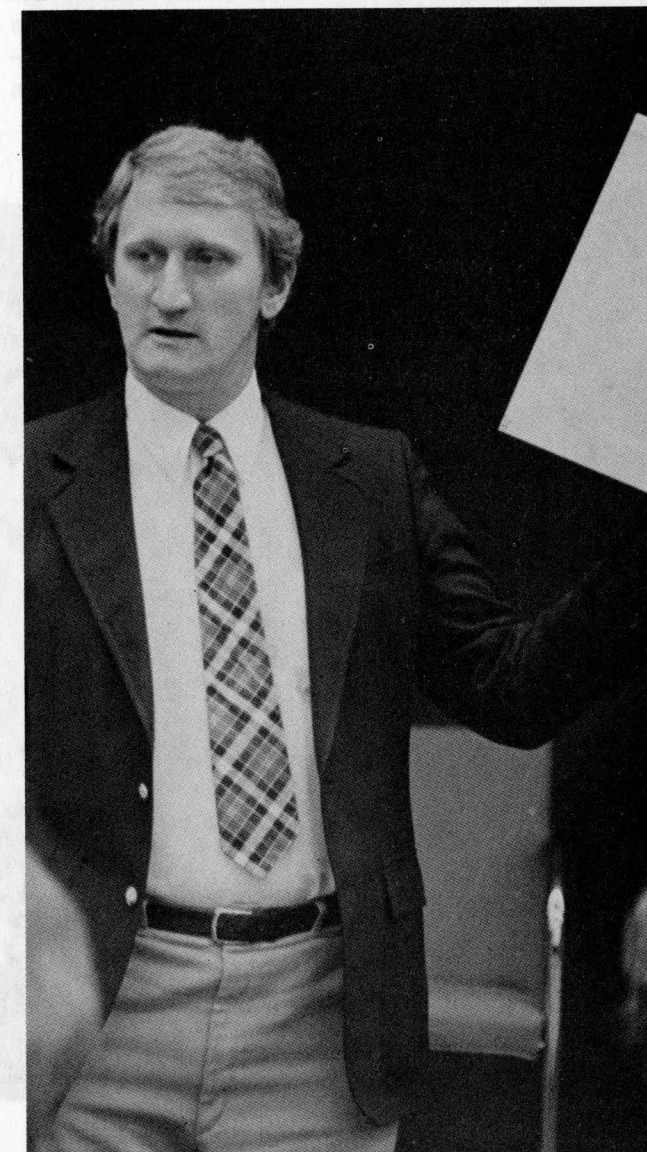
— Tryon Edwards

Kentucky State University's Community College is charged with five major responsibilities: 1) to initiate and administer the University's associate degree programs and certificate programs of an occupational and technical nature; 2) to administer the Associate of Arts in Liberal Studies program; 3) to establish evening, weekend, off-campus and television course sections to accommodate the learning and scheduling needs of nontraditional students; 4) to work closely with state employees in order to meet their learning needs; and 5) to meet the preparatory learning needs of students not yet able to enter associate or baccalaureate programs of the University because of academic deficiencies.

The specific associate degree programs that are administered by the Community College are an Associate of Arts in Liberal Studies and the Associate in Applied Science in Dietetics and Food Service Management, in Drafting and Design Technology, in Electronics Technology, in Nursing, and in Office Administration. Each of these associate degree programs includes a general education component and a core of courses in an area of specialization.

The Office of the Dean of the Community College is responsible for advising all part-time and nontraditional students who are classified as "nondegree" and for advising all students who have not been formally admitted to the Nursing Program and are classified as pre-Nursing students. The Office also assigns advisors to the students in the other associate degree programs under the jurisdiction of the Community College.

The Community College administers several programs of community outreach. These include the College Connection Program, which grants college credit to high school students for college-level classroom work in the high school; the telecourses offered by KET for college credit; the Early Admissions Program, which permits exceptional high school students, with the consent of their counselors or principals, to take regular on-campus or off-campus University courses for college credit; and the Credit-for-Life Experience Program, which permits students to earn college course credit after having completed a documented portfolio of college-level learning obtained through experience in employment and elsewhere. The Community College also has the responsibility for coordination of noncredit courses or activities.



The Office of the Dean is responsible for the administration of the Community College scholarship program for which all part-time students may be eligible and for tuition waiver programs for all full-time Kentucky state government employees who take courses at Kentucky State University. Information about these programs may be obtained from the Community College Office.

A part-time student is eligible for a 10 percent reduction for each course in which he/she earns a final grade of "A." The reduction will apply to the student's tuition for the next regular academic semester. A part-time student may receive a tuition reduction under certain conditions:

1. The student is not receiving any financial aid

or University tuition assistance;

2. He/she remains a part-time student in the next regular semester;
3. The course in which the grade of "A" was earned was not an internship or field experience;
4. He/she REQUESTS the scholarship and provides proof of eligibility at the time of registration. A student who pre-registers must provide such evidence on or before noon of the last day before late registration.

Unless each of these conditions is met, the student is ineligible for the scholarship.



Department of Developmental Studies

The Department of Developmental Studies at Kentucky State University is an academic unit of the University's Community College. Through Developmental Studies, underprepared students who do not meet the standards required for unqualified admission prepare to do successful collegiate coursework and gain access to University baccalaureate degree programs.

CRITERIA FOR ADMISSION TO DEVELOPMENTAL STUDIES

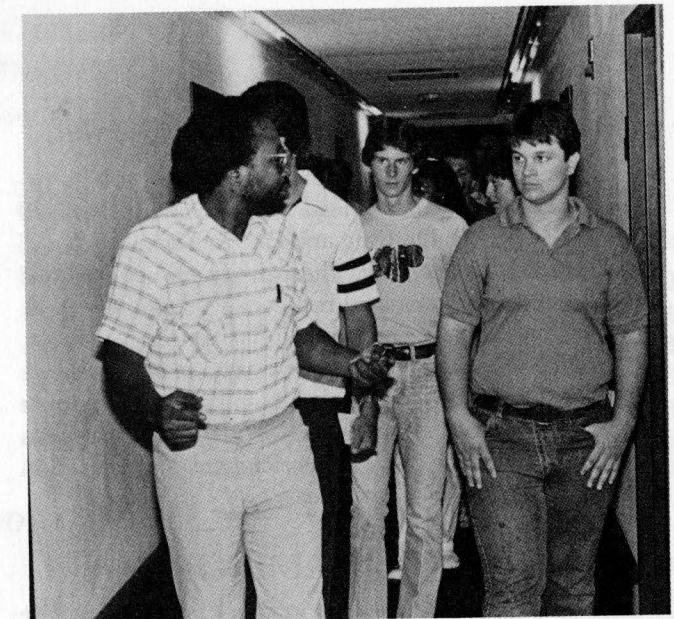
Students may be required or advised to take Developmental Studies coursework as follows:

- Students who do not meet the minimal entrance requirements for unqualified admission to the University as described in the section on Admission to the University in this Catalogue are *automatically required* to enter the Department of Developmental Studies.
- Students who do not achieve the requisite minimum score on the University's placement tests (English, mathematics, and reading) *will be required* to take a prescribed sequence of Developmental Studies courses.
- Students who perform poorly in regular University courses may be placed in one or more Developmental Studies courses.

Form A: Developmental Studies

Students who do not make the minimum score in two or more of the University's placement tests (English, mathematics, or reading) will be required to take the "Form A" sequence of Developmental Studies courses. "Form A" courses are preparatory and, therefore, do not count toward any University degree requirements. However, these courses carry college credit and are figured in the student's cumulative grade-point average. Students who earn a grade of "C" or higher in DES courses and carry the requisite minimum load remain eligible for financial aid.

A student who is assigned to "Form A" will take DES 170 (Orientation), DES 171 (Communication Arts I — Composition), DES 173 (Communication Arts IV — Oral Communication), DES 175 (Communication Arts V — Reading) and MAT 100 (Fundamentals of Mathematics) during the fall semester. If the student makes a grade of "C" or higher in DES 170, 171, 173, and 175 and in MAT 100, he/she will take DES 172 (Communication Arts II — Composition), DES 174 (Communication Arts III — Oral Communication), DES 176 (Communication Arts VI — Reading), SCI 170 (Science Process Skills), and MAT 110 (Intermediate Algebra) during the spring semester.



Form B: Developmental Studies

A "Form B" student is one whose placement test results are below the minimum score for placement in only one of the areas of English, mathematics, or reading. A "Form B" student is required to take DES 170 and SCI 170 in his/her first and second semesters.

SUCCESSFUL COMPLETION OF DEVELOPMENTAL STUDIES

Form A: Developmental Studies

A student has one full academic year, an intersession, and a summer session to complete successfully all "Form A" coursework, including DES 170 and SCI 170. A student must have made satisfactory academic progress as defined in this Catalogue, appropriate to his/her classification.

Form B: Developmental Studies

A "Form B" student must complete a minimum of 30 credit hours of undergraduate general education studies courses with a 2.5 grade-point average or higher in order to transfer to a University baccalaureate degree program. If satisfactory academic progress is made, a student may remain in the Community College for a maximum of three full-time equivalent academic years, taking a mix of "Form B" courses and regular University coursework.

DISMISSAL FROM THE PROGRAM

Developmental Studies students are required to make satisfactory academic progress as demonstrated by semester course grades. In addition, if monitoring by faculty members shows that a student consistently fails to do acceptable class work, fails to attend class without a valid excuse, or fails to study, he/she may be dismissed immediately from the program.

Department of Industrial Technology

The Department of Industrial Technology offers occupational programs that lead to Associate in Applied Sciences degrees in Drafting and Design Technology and in Electronics Technology. These programs are designed to address (1) the technical needs of students who seek preparation for or a change in industrial employment, (2) the inservice needs of technicians who seek to improve their technical knowledge and skills in order to keep pace with changing technology in industry, and (3) the needs of those who desire personal enrichment or orientation by taking courses in these areas.

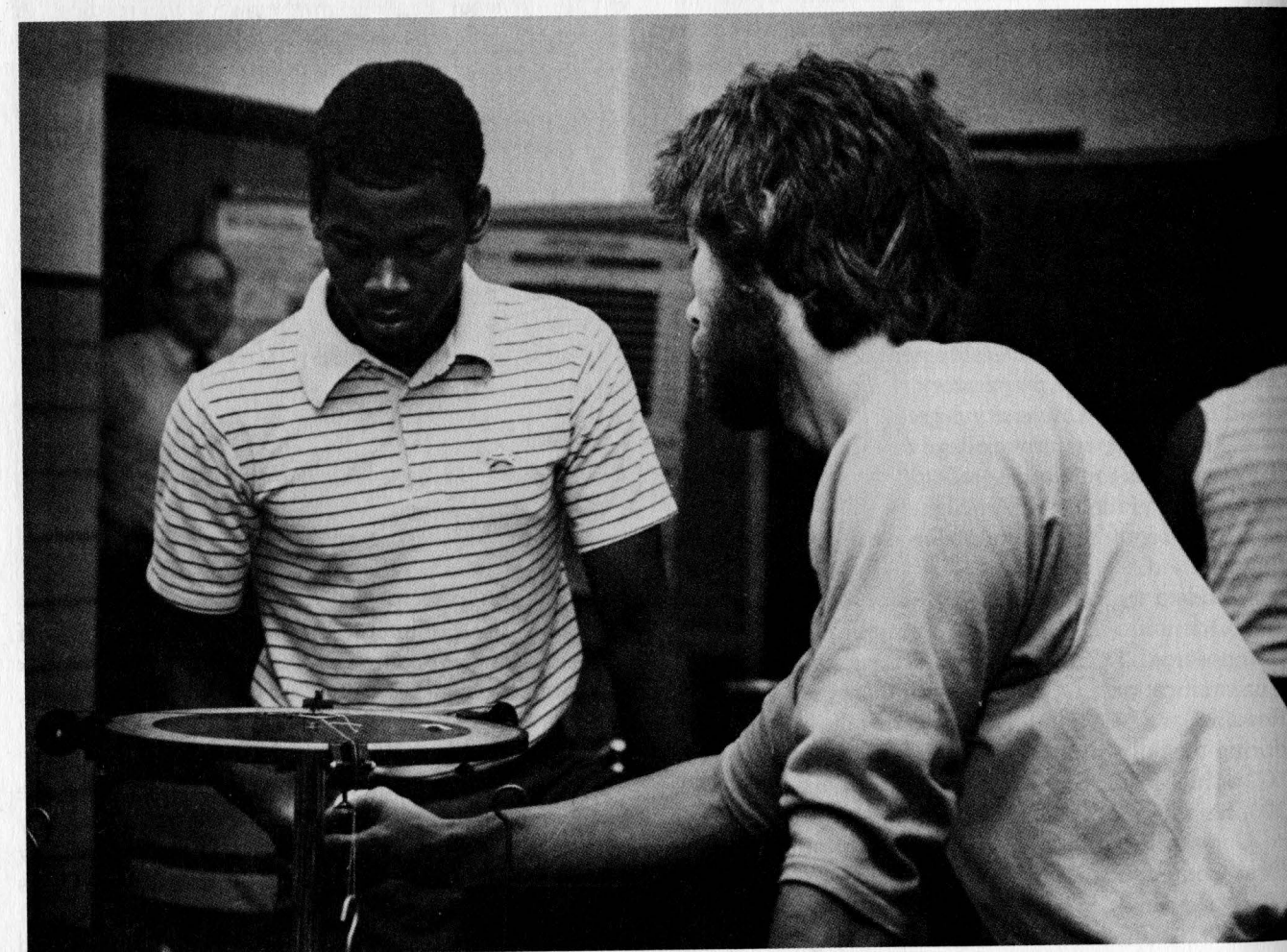
MANUFACTURING MINOR

A minor in Manufacturing is available to baccalaureate degree Business Administration students who choose Management as their area of specialization. This minor is offered in cooperation with the School of Business. It

is a component of the curriculum designed for those students who seek the Bachelor of Arts degree in Business Administration and a production-based career that combines management concepts with technically-oriented preparation in manufacturing technology. Minimum requirements for this minor are: IET 142, 227, 243, 246, and 249 (15 credit hours); IET 101, 141 or 208 (3 credit hours); IET 212, 213 or 244 (3 credit hours); IET 262, 263, 248 or 264 (3 credit hours). These and other requirements for the program are detailed in the School of Business section of this Catalogue.

DRAFTING AND DESIGN TECHNOLOGY

The Drafting and Design Technology program prepares students to function as technicians in manufacturing, construction, architectural and engineering firms, and in governmental agencies. Students are exposed to modern techniques through the use of computer-aided drafting equipment and the practical applications of their training by visitations to industrial sites. A minimum of 64 credit hours is required for this degree.



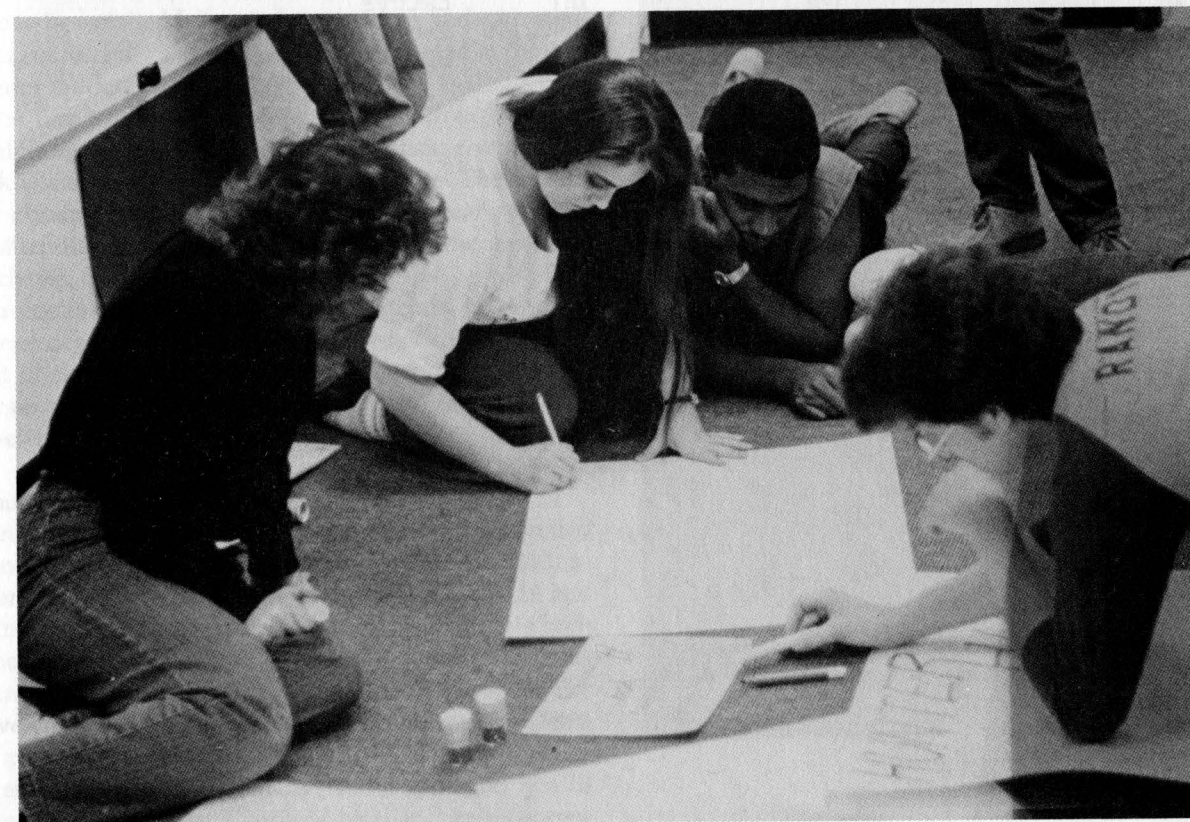
Suggested Curriculum ASSOCIATE IN APPLIED SCIENCE IN DRAFTING AND DESIGN TECHNOLOGY Total Hours: 64

FIRST YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Inter. Algebra or above	3	MAT 120 Precalculus	4
IET 101 Engineering Drafting I	3	IET 102 Engineering Drafting II	3
IET 117 Basic Wood Technology	3	IET 104 Descriptive Geometry	3
IET 141 Intro. to Metal Processes	3	COS 101 Fund Micro Prog/BASIC	3
	15	IET 113 Indust. Tech. Orient.	3
			19

SECOND YEAR

Fall	Hours	Spring	Hours
IET 201 Architectural Drafting	3	IET 202 Technical Illustration	3
IET 203 Civil Drafting	3	IET 209 Indust. Tech. Commun.	3
IET 208 Computer-Aided Drafting	3	IET 249 Quality Control	3
IET 244 Mat. Science & Testing OR		ART 110 Basic Drawing I	3
IET 212 Indust. Materials & Proc. OR		ENG 216 Technical Writing	3
IET 213 Manufacturing	3		
PHY 111 Introduction to Physics I	3		
	15		15



ELECTRONICS TECHNOLOGY

The Electronics Technology program prepares students with the technical knowledge and skills necessary for entry-level positions as technicians in the field of elec-

tronics. A minimum of 64 credit hours is required for the Associate in Applied Science degree in Electronics Technology.

Suggested Curriculum

ASSOCIATE IN APPLIED SCIENCE IN ELECTRONICS TECHNOLOGY

Total Hours: 64

FIRST YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interim. Algebra or above	3	MAT 120 Precalculus	4
IET 101 Engineering Drafting I	3	IET 126 Motors and Controls	3
IET 124 Basic Elec. (AC/DC)	3	IET 128 Solid State Devices	3
COS 101 Fund Micro Prog/BASIC	3	IET 113 Indust. Tech. Orient.	3
	15		16

SECOND YEAR

Fall	Hours	Spring	Hours
IET 225 Reg/Oscil/Lin Devices	3	IET 228 Pulse Circuits & Servos	3
IET 227 Elec. Logic/Micro Process.	3	IET 248 Robotics	3
IET 208 Computer-Aided Drafting	3	IET 249 Quality Control	3
IET 244 Mat. Science & Testing OR		IET 253 Hydraulic/Pneumatics OR	
IET 212 Indust. Materials & Proc. OR		IET Elective	3
IET 213 Manufacturing	3	ENG 216 Technical Writing	3
PHY 111 Introduction to Physics I	3	Elective	3
	15		18

Department of Nursing

The Associate in Applied Science in Nursing program at Kentucky State is accredited by the National League of Nursing and is designed to prepare graduates to write the National Council Licensure Examination. Successful completion of this examination qualifies one to practice as a licensed registered nurse in Kentucky. A total of 73 credit hours is required for the Associate in Applied Science degree in Nursing.

The curriculum is divided into general education and Nursing components. The general education component comprises approximately one-half of the total credit hours and focuses on the development of basic skills in communication and the acquisition of basic knowledge of the biological and social sciences. The Nursing component concentrates on nursing concepts and clinical practice.

The Nursing faculty is responsible for the instructional and clinical components of the curriculum. The selection, supervision, and evaluation of Nursing students, including course and clinical work, is the responsibility of the Department of Nursing.

The curriculum ladder at the end of this Catalogue section is the recommended sequence of general education and Nursing courses. As stated, it applies only to the student who is directly admitted into the program and expects to be enrolled full time for two years and who completes successfully all courses as they are listed in the curriculum ladder.

The Department of Nursing has been innovative in developing course schedules for the student who must work while pursuing his/her Nursing degree. The student may obtain a degree in Nursing in a three-year program by attending classes in the daytime or the evening, whichever meets his/her individual needs.

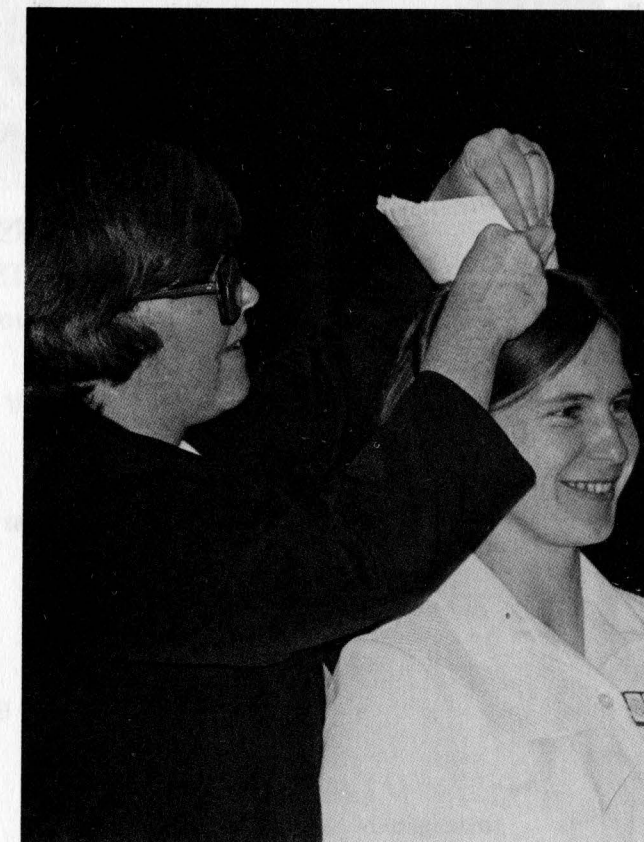
Successful completion of the Associate in Applied Science degree program in Nursing requires the attainment of the grade of "C" or higher in the five Nursing courses and a cumulative grade-point average of 2.3 or higher in the general education component.

Admission Requirements

Unqualified admission to the Associate in Applied Science in Nursing degree program requires that an applicant have a minimum ACT composite score of 19 and a minimum cumulative grade-point average of 2.0 in high school coursework and in any previous college courses taken by the applicant. The applicant must also pass the University's Reading Placement Test and make at least the minimum score on the English Placement Test for placement in ENG 101. Finally, if the applicant is a licensed practical nurse, a copy of his/her current license must be submitted.

The Department of Nursing welcomes licensed practical nurses (LPN) who are seeking to further their education. Licensed practical nurses may be admitted, as any other student, following the admission criteria above. Licensed practical nurses may be exempted from taking NUR 101 (Nursing I), NUR 102 (Nursing II), or NUR 201 (Nursing III) by completing successfully the PEP Nursing Examination and the Nursing Practices Examination administered by the Department of Nursing.

In addition to complying with the University admission procedures stated elsewhere in this Catalogue, the prospective Nursing student who plans to enter the Nursing program must complete and forward to the Chairperson, Department of Nursing, Kentucky State University, Frankfort, Kentucky 40601 an application for admission to the nursing program, transcripts of high school work and any previous college work, and ACT scores. The deadline for receipt of this information by the Department of Nursing for fall admission is May of each year.



Applicants who do not meet the above-mentioned admission requirements may be admitted as pre-Nursing students. Students so admitted must complete, with a minimum 2.3 grade-point average, 24 credit hours of general education courses as required in the Nursing program. These courses must be taken in a sequence determined by the Nursing faculty. Advising of pre-Nursing students is the function of the Office of the Dean of the Community College. After completing the general education courses with the requisite grade-point average, the student will be re-evaluated for admission to the Nursing program.

Readmission

After any interruption of his/her studies at Kentucky

State, a Nursing student may be required to audit some classes that were previously taken. Also, any student who has interrupted his/her Nursing studies for one semester or more must demonstrate sufficient recall of concepts and information from prior courses before a decision on readmission is made.

Expenses

Nursing students pay the same general fees and tuition as do other students at the University. Students in the Nursing program incur additional expenses for uniforms, caps, name pins, nursing emblem, liability insurance, bandage scissors, white nurse's shoes, white hosiery, wrist watch with sweep hand, and testing, laboratory and other/travel fees.

Suggested Curriculum

ASSOCIATE IN APPLIED SCIENCE IN NURSING

Total Hours: 73

FIRST YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
BIO 107 Anatomy & Physiology I	4	BIO 108 Anatomy & Physiology II	4
BIO 204 Fund. of Microbiology	3	PSY 200 General Psychology	3
NUR 101 Nursing I	8	NUR 102 Nursing II	8
	<u>18</u>		<u>18</u>

SECOND YEAR

Fall	Hours	Spring	Hours
*Elective	3	*Elective	3
FNU 104 Basic Nutrition	3	EDU 221 Human Growth-Life Span Development	3
SOC 203 Principles of Sociology OR		NUR 202 Nursing IV	10
SOC 205 Intro. to Sociology	3	NUR 203 Nursing V	2
NUR 201 Nursing III	<u>10</u>		<u>18</u>
	<u>19</u>		

*Elective in chemistry, nutrition, history, physical science, psychology or social science with the approval of the student's faculty advisor

Other Associate Degree Programs

DIETETICS AND FOOD SERVICE MANAGEMENT

The Dietetics and Food Service Management program prepares students for management positions in the food

service industry. Graduates of this program are qualified for employment as chefs, dining room supervisors and management positions in restaurants, hotel catering services and other institutional food operations. A minimum of 66 credit hours is required for this degree.



Suggested Curriculum

ASSOCIATE IN APPLIED SCIENCE IN DIETETICS AND FOOD SERVICE MANAGEMENT

Total Hours: 66

FIRST YEAR

Fall	Hours	Spring	Hours
BIO 107 Anatomy & Physiology I	4	CHE 109 Survey of Gen. Chemistry	4
OAD 121 Intro. to Business	3	ENG 102 English Composition II	3
ENG 101 English Composition I	3	FNU 104 Basic Nutrition	3
FNU 101 Intro. to Foods	3	FNU 202 Meal Plan/Table Service	3
FNU 105 Intro. Food Serv. Indus.	2	HED 221 Personal Health/Fitness OR	
MAT 110 Interm. Algebra or above	<u>3</u>	PHE Activity	<u>2</u>
	<u>18</u>		<u>15</u>

SECOND YEAR

Fall	Hours	Spring	Hours
ACC 261 Principles of Accounting I	3	BUE 204 Business Commun.	3
ECO 200 Survey of Economics	3	FNU 241 Food Organ. & Management	3
FNU 215 Quantity Food Production	3	FNU 252 Instit. Mgt. Practicum II	3
FNU 251 Instit. Mgt. Practicum I	3	PSY 200 General Psychology	3
SOC 205 Introduction to Sociology	<u>3</u>	SPE 103 Interpersonal Commun.	3
	<u>15</u>	Elective	<u>3</u>
			<u>18</u>

LIBERAL STUDIES

A student may pursue an Associate of Arts in Liberal Studies through the Whitney Young College or the Community College. Details on the program administered by the Whitney Young College may be obtained by contacting the Dean of that College. The Associate of Arts degree program under the jurisdiction of the Community College is described here.

The associate degree program in Liberal Studies is designed for students who wish to obtain a broad introductory educational experience in the arts, letters, and sciences. It is intended to prepare students to complete a baccalaureate degree at a four-year institution of higher

education. The Associate of Arts in Liberal Studies program is designed as a transfer program, although the skills and knowledge acquired through it can be useful in a variety of occupations and careers. The program concentrates on the acquisition of knowledge and skills in the development of critical thinking through the study of mathematics, the humanities, and the natural and social sciences. The Community College works closely with Liberal Studies students to plan their transfers to baccalaureate degree programs at Kentucky State or to effect a smooth transition to other institutions of higher education.

Suggested Curriculum
ASSOCIATE OF ARTS IN LIBERAL STUDIES
Total Hours: 71

FIRST YEAR			
Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
HIS 103 Western Civilization	3	PHS 201 Physical Sciences I	3
BIO 101 Life Science	3	ART 130 Introduction to Art	3
PHE Activity OR		MUS 130 Introduction to Music	3
HED 221 Personal Health/Fitness	2	SPE 103 Interpersonal Commun.	3
PHI 200 Intro. to Philosophy	3	PHI 210 Introduction to Logic	3
MAT 110 Interm. Algebra or above	3		18
	17		
SECOND YEAR			
Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	ECO 200 Survey of Economics	3
PSY 200 General Psychology	3	POS 101 American Government	3
SOC 203 Principles of Sociology	3	Foreign Language	3
		IGS 201 Converg/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	*Natural Science	3
HIS Elective	3	Elective	3
	18		18

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.

OFFICE ADMINISTRATION

The University's program in Office Administration is designed for students who wish to become practicing office professionals. The program emphasizes the development of major skills, attitudes, and knowledge needed by secretaries and administrative assistants for success in today's highly technological offices. Successful completion of this program prepares students for high-level secretarial positions and as administrative assistants for the automated office.

The program is designed to provide students a basic knowledge of business organization, accounting, psychology, and fundamental office skills and abilities; sophisticated office equipment and technology; and modern office management. A total of 66 credit hours is required for the completion of the program. The curriculum includes a strong general education component and a core of professional and support courses.

Suggested Curriculum
ASSOCIATE IN APPLIED SCIENCE IN OFFICE ADMINISTRATION
Total Hours: 66

FIRST YEAR			
Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	SPE 103 Interpersonal Commun.	3
*OAD 211 Elementary Stenography	3	OAD 212 Advanced Stenography	3
*OAD 103 Keyboarding I	3	OAD 104 Keyboarding II	3
OAD 224 Information Records Mgmt.	3	OAD 230 Info. Processing I	3
OAD 121 Introduction to Business	3		15
	18		
SECOND YEAR			
Fall	Hours	Spring	Hours
ACC 261 Prin. of Accounting I	3	BUE 204 Business Communication	3
**Elective	3	PSY 200 General Psychology	3
ECO 200 Survey of Economics	3	OAD 222 Office Sys. Procedures	3
***Elective	3	OAD 242 Office Management	3
COS 101 Fund Micro Prog/BASIC	3	#Elective	3
OAD 231 Info. Processing II	3		15
	18		

*Students satisfying the outcome criteria for OAD 103 and/or 211 by superior scores on placement examinations may substitute one or two courses for a total of 3 or 6 credit hours, respectively, through additional general education electives with advisor's approval.
**May select an art, literature or music course. If a music course is selected, it must be a classroom or theory course.
***Any course with a POS or SOC prefix.
#May select a history, philosophy or Integrative Studies course.

The Graduate Center/ The School of Public Affairs

The primary duty of organized society is to enlarge the lives and increase the standards of living of all the people.

—Herbert Hoover

Interinstitutional Graduate Programs

The Graduate Center at Kentucky State University is responsive to the many demonstrated needs and requests for expanded graduate education in the Kentucky State University service area. The Center is dedicated to the expansion and improvement of graduate education in central Kentucky.

Four state-supported institutions cooperate equally in developing graduate offerings through the Graduate Center. These institutions are Eastern Kentucky University, Kentucky State University, the University of Kentucky, and the University of Louisville. If course or program needs warrant, other public institutions may consider affiliating with the Center.

The major focus of the Interinstitutional Graduate Center is to offer graduate courses and degrees. At present, these courses cover Business Administration, Community Nutrition, Computer Science, Criminal Justice, Elementary Education, Public Affairs/Public Administration, and Social Work. Based upon demonstrated demand and need, complete degree programs may be offered through the Center.

Each participating institution maintains its autonomy in the admission of students to a course/program that it provides, including the selection of faculty, fees, and the hours of credit awarded. Kentucky State University administers the program, provides the space, and serves as an intermediary between each student and the cooperating institution when a representative of the institution is not available at Kentucky State University.

The School of Public Affairs

The School of Public Affairs was established in 1973. The School offers a Bachelor of Arts degree with a major in Public Administration and a Master of Public Affairs degree. The School also provides coursework to sup-



port an Associate of Arts degree in Public Administration. As an interdisciplinary school, it has core and adjunct faculty members representing different disciplinary backgrounds. These include political science, economics, sociology, social work, psychology, computer science, law, and public administration.

The School of Public Affairs has been a member of the National Association of Schools of Public Affairs and Administration (NASPAA) since 1973. The three degree programs reflect NASPAA standards for such professional degree programs.

The study of Public Affairs/Public Administration primarily prepares students for career employment in local, state, and federal government agencies as supervisors, managers and decision-makers. Some graduates also work in not-for-profit private agencies, educational administration and in the business community.

The Kentucky State programs in Public Affairs/Public Administration have earned a reputation for educating graduates who have practical abilities in analysis and implementation. The structure of the academic programs

is based on the premise that the public administration student should possess skills adaptable to varied tasks and employment settings.

BACHELOR OF ARTS IN PUBLIC ADMINISTRATION

The liberal studies education at Kentucky State is characterized by intellectual breadth and depth. Students working toward a Bachelor of Arts degree in Public Administration pursue a curriculum that includes exposure to the substantive approach and insight of different disciplines. Such exposure provides the intellectual breadth necessary for a public administrator. The curriculum includes intensive training in analytical techniques and offers in-depth education in social sciences related to the management of public services.

A student is required to complete a minimum of 128

credit hours. This includes completion of 36 credit hours of Public Affairs/Public Administration courses in the major; at least 3 credit hours of Public Affairs internship; and 6 credit hours of Economics courses. The remaining 30 credit hours may be taken in a minor, professional electives and additional Public Affairs/Public Administration courses.

Minor in Public Administration

The School of Public Affairs also offers a minor in Public Administration. This program is available to any student pursuing a baccalaureate degree at Kentucky State. A student selecting a minor in Public Administration is required to complete PUA 170, 181, 303 and 402 and an additional 6 credit hours of upper-level courses in Public Affairs to be selected in consultation with the advisor.

Suggested Curriculum BACHELOR OF ARTS IN PUBLIC ADMINISTRATION Total Hours: 128

FRESHMAN YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	ENG 102 English Composition II	3
		Foreign Language	3
MAT 110 Interm. Algebra or above	3	ART 130 Introduction to Art OR	
HIS 103 Western Civilization	3	MUS 130 Introduction to Music	3
BIO 101 Life Science	3	SPE 103 Interpersonal Commun.	3
HED 221 Personal Health/Fitness OR		*Natural Science	3
PHE Activity	2	PSY 200 General Psychology OR	
	17	SOC 203 Principles of Sociology	3
			18

SOPHOMORE YEAR

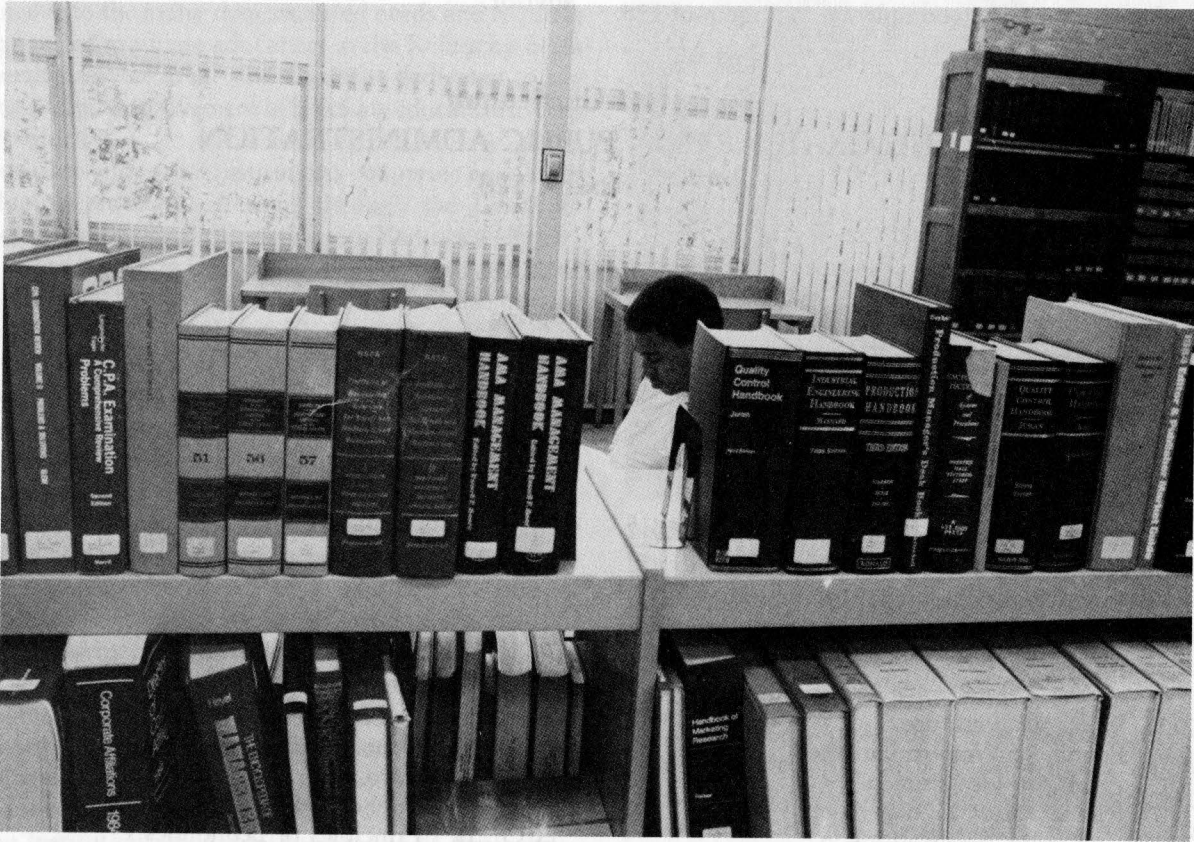
Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	IGS 201 Converge/Reshape/Culture	3
IGS 200 Found. of Western Culture	3	PUA 181 Contemp. Pub. Pol. Issues	3
POS 101 American Government	3	PUA 203 Intro/Stat. for Pub. Adm.	3
PUA 170 Public Sector Management	3	PUA 301 Public Budget. Processes	3
PUA 202 Computer Applications in the Public Sector	3	ECO 211 Principles of Economics I	3
	15		15

JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303 or 304	3
PUA 303 Research Meth. Pub. Adm.	3	PUA 322 Mgmt. Info. Systems	3
ECO 212 Principles of Economics Professional Electives and/or Minor Courses	3	PUA 304 Comparative. Admini. and Policies	3
	6	Professional Electives and/or Minor Courses	9
	15		18

SENIOR YEAR			
Fall	Hours	Spring	Hours
PUA 400 Policy Analysis and Program Evaluation	3	PUA 499 Senior Seminar	3
PUA 401 Organ. Behavior & the Bureaucratic Structure	3	Professional Electives and/or Minor Courses	<u>12</u>
PUA 402 Human Resources Management in the Public Sector	3		15
PUA 491 Internship	3		
Professional Elective and/or Minor Course	<u>3</u>		
	15		

*May be chosen from BIO 112, CHE 109, PHY 111, or PHS 201.
**IGS 301 (Studies in African Culture), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The Afro-American Experience)



ASSOCIATE OF ARTS
IN PUBLIC ADMINISTRATION

The Associate of Arts degree in Public Administration is a career-focused, terminal sequence of study designed for persons who wish to pursue a paraprofessional career in the public administration of state or local government in Kentucky. The program has three components:

- General education for development of critical skills in social understanding, speaking and writing, and mathematical analysis that all public servants should possess;
- Public administration core courses for developing critical understanding and skills generally useful in public service occupations; and

- Specialized support courses unique to areas of public service.

A minimum of 9 credit hours of specialized support courses must be taken in one or more of the following areas:

- a. Accounting and Business
- b. Office Administration
- c. Criminal Justice
- d. Fire Science
- e. Public Affairs

Students without in-service career experience will be required to take PUA 299 (Practicum in Public Administration).

Suggested Curriculum
ASSOCIATE OF ARTS IN PUBLIC ADMINISTRATION
Total Hours: 66

FIRST YEAR					
Fall	Hours	Spring		Hours	
ENG 101 English Composition I	3	ENG 216 Technical Writing		3	
MAT 110 Interm. Algebra or above	3	SPE 103 Interpersonal Commun.		3	
PUA 170 Public Sector Management	3	SOC 203 Principles of Sociology		3	
HIS 103 Western Civilization	3	PUA 181 Cont. Pub. Policy Issues		3	
POS 101 American Government	3	Specialized Support			
Specialized Support		Course Electives		<u>6</u>	
Course Elective	<u>3</u>			18	
	18				
SECOND YEAR					
Fall	Hours	Spring		Hours	
PUA 191 Organ. Theory and Society	3	PUA 212 Survey/Pub. Per. Funct.		3	
SPE 200 Public Speaking	3	PUA 214 Gov. Finance & Budgeting		3	
ECO 200 Survey of Economics	3	PUA 203 Intro. Stats/Pub. Admin.		3	
COS 100 Introduction to EDP OR		Specialized Support			
COS 101 Fund Micro Prog/BASIC	3	Course Elective		3	
Specialized Support		PUA 299 Practicum in Public			
Course Elective	<u>3</u>	Administration OR			
	15	PUA Elective		<u>3</u>	
				15	

Master of Public Affairs Program

The School of Public Affairs offers the Master of Public Affairs (MPA) degree program. The Public Affairs curriculum is designed to reflect the standards of the National Association of Schools of Public Affairs and Administration (NASPAA) and to meet the needs of current and future public sector careerists.

The Kentucky General Assembly provided initial recognition and funding in 1973 for the Public Affairs graduate program at Kentucky State University. This degree program was the first in Kentucky to win both the Department of Health, Education and Welfare's Public Service Institutional and Fellowship Award grants. A widely diversified interdisciplinary faculty works together to study problems relevant to contemporary society and to develop techniques to address those problems. Proximity to the seat of state government places both faculty members and students in a pivotal position to monitor and influence management and policy trends.

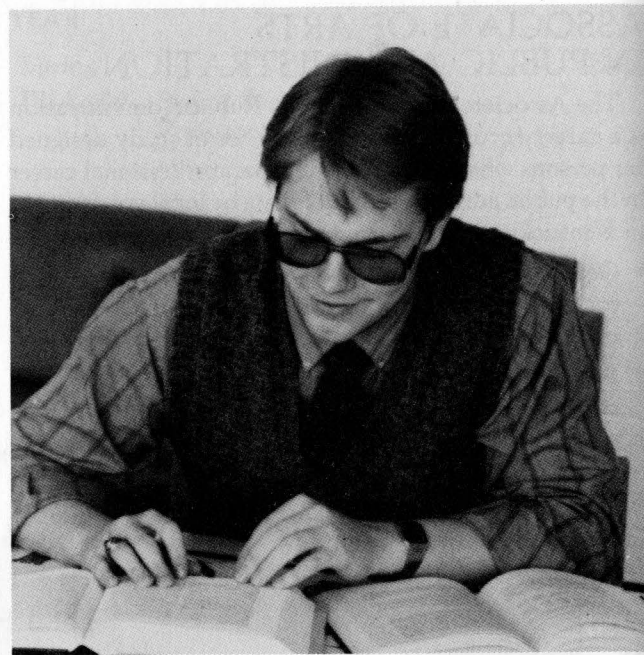
The MPA program is problem-oriented and designed to serve both in-service and pre-service students. The academic component is supported by a variety of applied research activities. Each of the research activities is designed to provide the student with research skills as well as a body of knowledge and information needed by practicing public administrators.

The MPA program is designed to contribute to the enhancement of public sector competence. This is achieved by providing opportunities for graduate education to in-service public and related private sector employees and to pre-service candidates seeking careers in local, state, or federal public service.

The curriculum develops a humanistic perspective through an interdisciplinary liberal education that yields intellectual breadth and interpersonal sensitivity. It also helps students adapt and apply their interdisciplinary knowledge to those managerial and analytical skills needed to confront problems in the public sector. The curriculum is continually realigned to meet the changing issues and concerns in the public sector.

The curriculum follows NASPAA standards for professional degree programs. MPA degree requirements for in-service students may be completed with a minimum of 36 hours of graduate coursework. Individual candidates who are pre-service and lack an adequate undergraduate background and practical experience will be required to complete an administrative internship in addition to the coursework. Three to 9 credit hours may be earned for this internship.

A general professional core of knowledge is expected and required of each graduate degree candidate. This requirement is earned through completion of eight core



courses (24 credit hours). This knowledge base is built individually through consultation with the student's advisor. It includes a level of knowledge, skill and competency in Public Affairs perspectives, research methods and policy analysis, quantitative methods, public sector economics, organizational theory and behavioral dynamics, personnel management, financial administration, and management information systems. Upon completion of these core courses, the student must choose a specialty area for advanced coursework. A minimum of two advanced courses is required to be taken in a specialty area.

Specialty Areas of Study

The MPA program offers a number of specialty areas in response to the various needs for public sector expertise. These specialty areas currently include State Administration, Management Information Systems, Personnel Management, Employment and Training, and Comparative Administration. Courses in the student's choice of specialty areas are normally taken after the completion of the professional core courses. Students may elect to take additional hours beyond the required 6 credit hours in the specialty area.

Students may select their final 6 hours from three different graduation options. This selection is done with the approval of the student's advisor. The options are either a thesis (for 6 credit hours); a professional project (for 6 credit hours); or additional coursework (for 6 credit hours). A comprehensive examination over the core and specialty area is given to those students who elect to take additional coursework. An oral defense of either the thesis or the professional project is required of those students who elect to undertake one of these two graduation options.

THE MPA PROGRAM ADMISSION REQUIREMENTS

Each student taking courses in the School of Public Affairs is required to complete an Application for Graduate Admission in duplicate. Prior to admission all students are required to have an admission interview with two or more members of the School of Public Affairs faculty. The admission status of all students shall be determined at the admission interview and approved by the Dean of the School. Criteria for admission include a comprehensive evaluation of the applicant's entire file, including undergraduate coursework and grade-point average; any graduate coursework and grade-point average; GRE or GMAT scores; credible work experience; letters of recommendation; and statement of goals and career objectives. Applications must be received by July 15 for the fall semester, by December 15 for the spring semester, and by May 1 for the summer session.

Unconditional Admission

In order to be granted unconditional admission to the MPA program, an applicant must meet several requirements:

- An earned baccalaureate degree from an accredited college or university with a minimum grade-point average of 3.0 is required.
- Part I, aptitude (verbal, quantitative and analytical sections) of the Graduate Record Examination must be taken. A minimum score of 1400 must be earned and an official GRE transcript received. The Graduate Management Admissions Test can be substituted for the GRE. A minimum score of 425 must be earned on the GMAT and an official transcript received. (Test scores older than five years will not be accepted.)
- Three letters of recommendation from former professors must be submitted on the forms provided.
- A typewritten statement of goals and career objectives (minimum 300 words) must be submitted.

Conditional Admission

A degree-seeking student who does not meet the requirements for unconditional admission due to low GRE scores and/or cumulative grade-point average may be granted conditional admission if several conditions are met:

- An earned bachelor's degree from an accredited college or university (an official transcript must be submitted) is required.
- Three letters of recommendation from former professors, advisors or employers must be submitted on the forms provided.

- A typewritten statement of goals and career objectives (minimum 300 words) must be submitted.

Unconditional admission to degree candidacy status is attained after completion of 9 credit hours of graduate core coursework with an earned grade-point average of 3.0 or higher and a minimum score of 1100 on the GRE prior to the completion of 12 credit hours of coursework.

Special Admission

Undergraduate senior students with a minimum grade-point average of 3.0 in upper-division coursework may register for a maximum of 6 credit hours per semester of coursework at the 500 level with the consent of the student's advisor, undergraduate dean, instructor of the course, and the Dean of the School of Public Affairs. No more than 6 of the maximum 12 credit hours of 500-level courses taken as an undergraduate may be applied toward MPA degree requirements.

Post-Baccalaureate/Nondegree Admission

A student who does not intend to complete a degree program may be granted nondegree student status. The student's application as a nondegree graduate student must be on file in the Office of the Dean, School of Public Affairs, at least two weeks prior to the beginning of registration. A student wishing to change status from nondegree to degree-seeking must submit a written request to the Dean and must meet the criteria for full admission to the MPA program. The student should observe calendar deadlines listed in the front of this Catalogue. The student will be permitted to enter any graduate class as a nondegree student only if the prerequisites are met and if space is available. A maximum of 12 credit hours may be taken in this status.

Transfer from Nondegree to Degree Status

All transfers of credit hours to the MPA must be approved by the Dean of the School of Public Affairs. (See the section of this Catalogue on Transfer of Credit.) A maximum of 12 graduate credit hours taken at Kentucky State with a minimum 3.0 grade-point average can be transferred from a nondegree status to the MPA program.

READMISSION

A student must apply for readmission if he/she has not been enrolled in the University for two consecutive semesters. A student who is in good academic standing is eligible for readmission. He/she must file an application for readmission by the deadlines. (See Academic Calendar in this Catalogue). A student who is dismissed for poor academic performance may apply for readmission after one academic year with approval of the Dean.

PROBATION AND DISMISSAL

A student is placed on probation when his/her grade-point average falls below 3.0. A student on probation may enroll for up to 6 hours of graduate coursework and must earn a 3.0 grade-point average. A probationary student who does not earn a 3.0 will be dismissed.

CHANGES IN GRADUATE SCHOOL REQUIREMENTS

A student shall follow the guidelines of the Catalogue governing the semester during which the student first begins classes. A student may petition the Dean to be governed by the requirements of a later Catalogue.

TIME LIMIT FOR COMPLETION OF DEGREE

All program requirements must be completed within six years of initial admission, unless otherwise approved by the Dean of the School.

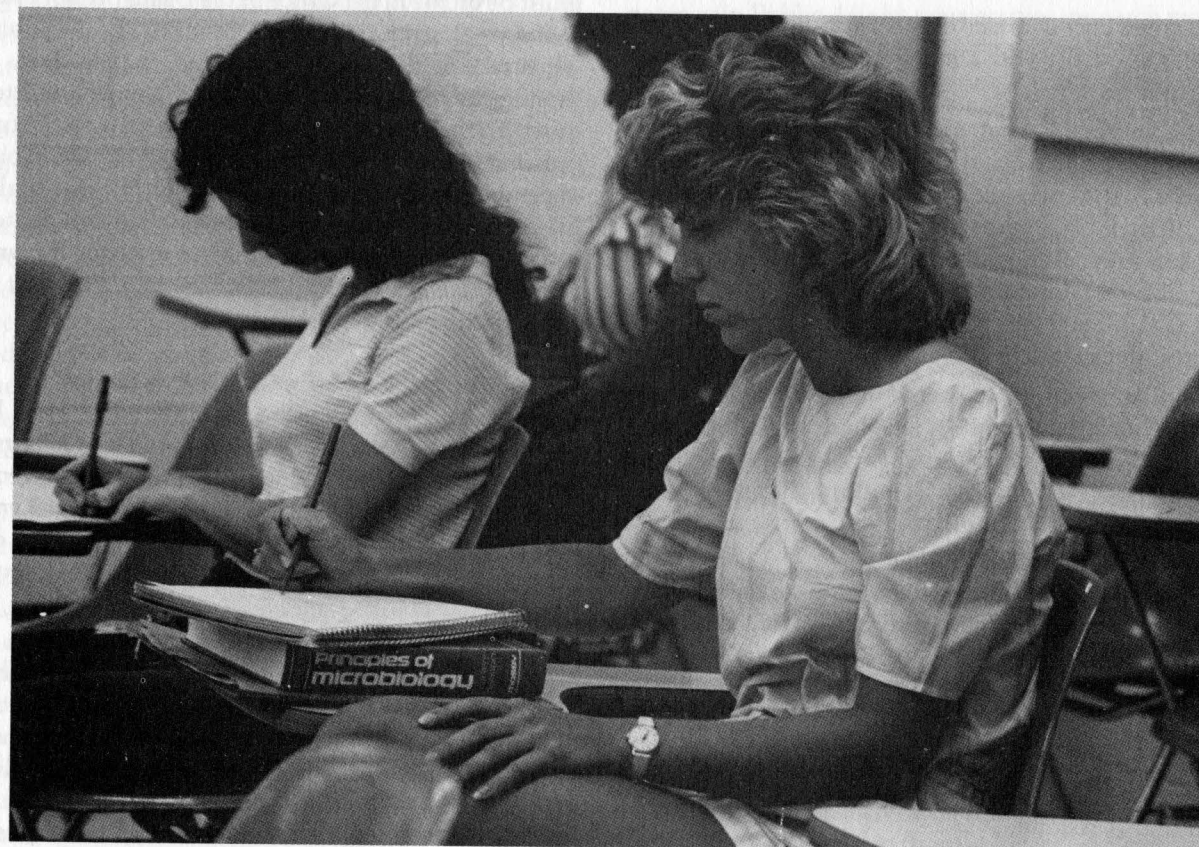
Students should consult the *MPA Student Handbook*, available from the Dean of the School of Public Affairs, for further information about graduate study.

GRADUATE STUDENT ASSISTANTSHIPS

A limited number of graduate assistantships are available for full-time students pursuing the MPA degree. Students holding these positions work 20 hours per week and receive stipends and waivers of out-of-state tuition. Graduate student assistantships provide assistance to the Dean and faculty members in their instructional and research activities. Students interested in such positions may make application to the Dean of the School of Public Affairs. Graduate student assistantships are awarded on the basis of need and high academic achievement.

MPA PROGRAM COURSELOAD

Full-time students carry a normal load of 9 graduate credit hours (three graduate courses) per semester. Part-time students who are employed full time are advised to carry 3 to 6 graduate credit hours. International students from non-English-speaking countries are advised to carry no more than 9 graduate credit hours in any semester.



Suggested Curriculum MASTER IN PUBLIC AFFAIRS (With the Coursework Option*)

Total Hours: 36

FIRST YEAR

Fall	Hours	Spring	Hours
PUA 500 Pub. Affairs Perspective	3	PUA 504 Organ. Theory & Behav.	3
PUA 501 Quantitative Methods	3	PUA 505 Intro. to MIS	3
PUA 503 Res. Meth. and Policy Analysis	$\frac{3}{9}$	PUA 506 Public Personnel Mgmt.	$\frac{3}{9}$

SECOND YEAR

Fall	Hours	Spring	Hours
PUA 605 Public Sector Economics	3	Specialty area course	3
PUA 607 Fin. Admin. for Pub. Sector	3	Two optional courses	$\frac{6}{9}$
Required course in specialty area	$\frac{3}{9}$		

*Pre-service students (those without a work experience) are required to enroll in PUA 699 (Administrative Internship) for 3 to 9 credit hours. These hours are in addition to the minimum 36 credit hours.

Suggested Curriculum MASTER IN PUBLIC AFFAIRS (With Either the Professional Project or Thesis*)

Total Hours: 36

FIRST YEAR

Fall	Hours	Spring	Hours
PUA 500 Pub. Affairs Perspectives	3	PUA 504 Organ. Theory & Behav.	3
PUA 501 Quantitative Methods	3	PUA 505 Intro. to MIS	3
PUA 503 Res. Meth. and Policy Analysis	$\frac{3}{9}$	PUA 506 Public Personnel Mgt	$\frac{3}{9}$

SECOND YEAR

Fall	Hours	Spring	Hours
PUA 605 Public Sector Economics	3	PUA 607 Fin. Admin. for Pub. Sector	3
PUA 798 Professional Project OR		PUA 798 Professional Project OR	
PUA 799 Thesis	3	PUA 799 Thesis	3
Required course in specialty area	$\frac{3}{9}$	One optional course in specialty area	$\frac{3}{9}$

*Pre-service students (those without a work experience) are required to enroll in PUA 699 (Administrative Internship) for 3 to 9 credit hours. These hours are in addition to the minimum 36 credit hours.

COURSEWORK REQUIREMENTS AND OPTIONS IN THE FIVE SPECIALTY AREAS

Each student selects a specialty area in which to concentrate the public management focus of the graduate study. The five specialty areas are: State Administration; Personnel Management; Employment and Training; Management Information Systems; and Comparative Administrative Systems. Required and optional courses for each specialty area follow:

STATE ADMINISTRATION SPECIALTY

Required Course:

PUA 601 Seminar on State Administration

Optional Courses:

PUA 600 Seminar on American Administrative Institutions and Public Policies
PUA 602 Seminar on Intergovernmental Relations
PUA 603 Seminar on Urban Administration
PUA 604 Seminar on Rural Administration
PUA 606 Grantsmanship and Proposal Writing
PUA 609 Seminar on Political Economy

Courses from other specialties may be taken with approval of advisor.

PERSONAL MANAGEMENT SPECIALTY

Required Course:

PUA 691 Advanced Seminar on Personnel Management

Optional Courses:

PUA 612 Personnel Law and Administration
PUA 613 Labor Relations and Collective Bargaining
PUA 614 Applied Human Relations
PUA 624 Counseling in the Workplace
PUA 683 Organizational Development
PUA 686 Training and Development in the Public Sector

Courses from other specialties may be taken with approval of advisor.

EMPLOYMENT AND TRAINING SPECIALTY

Required Course:

PUA 621 Overview of Employment and Training Programs

Optional Courses:

PUA 613 Labor Relations and Collective Bargaining
PUA 622 Labor Force Planning and Labor Market Analysis
PUA 624 Counseling in the Workplace
PUA 641 Seminar on Management Information Systems

Courses from other specialties may be taken with approval of advisor.

MANAGEMENT INFORMATION SYSTEMS SPECIALTY

Required Course:

PUA 641 Seminar on Management Information Systems

Optional Courses:

PUA 642 Decision Support Systems
PUA 680 Statistical Packages for Data Analysis

Courses from other specialties may be taken with approval of advisor.

COMPARATIVE ADMINISTRATIVE SYSTEMS SPECIALTY

Required Course:

PUA 631 Seminar on Comparative and International Administration

Optional Courses:

PUA 632 Comparative Economic Systems
PUA 633 Seminar on Development Administration

Courses from other specialties may be taken with approval of advisor.

Course Descriptions



Course descriptions are listed alphabetically by subject prefix on the following pages.

Each course description begins with a three-letter subject prefix followed by a three-digit course number and the course title. The number on the right of each course description gives the credit hours for that course. If a course includes laboratory or other special activities, that

information is contained in the description.

Prerequisites are also listed for many courses. A prerequisite is a course, experience, or other required preparation that must be completed before the student will be permitted to enroll in the course.

The subject prefixes for the course descriptions follow:

ACC Accounting
ART Art
BIO Biology
BSS Behavioral and Social Science
BUA Business Administration
BUE Business Education
CDF Child Development and Family Relations
CHE Chemistry
CJE Criminal Justice
CLE Credit for Life Experience
COE Cooperative Education
COM Communications
COS Computer Science
DES Developmental Studies
ECO Economics
EDU Education
ENG English
FNU Food Service Management
FRE French
GEO Geography
GER German
GNT Gerontology
HEC General Home Economics
HED Health Education
HIS History
IET Industrial Technology
IGS Integrative Studies

MAT Mathematics
MGT Management
MKT Marketing
MLS Military Science
MUE Music Education
MUS Music
NUR Nursing
OAD Office Administration
PHE Physical Education
PHI Philosophy
PHS Physical Science
PHY Physics
POS Political Science
PSY Psychology
PUA Public Affairs
REC Recreation
REL Religious Studies
RES Real Estate
SCI Science Process Skills
SOC Sociology
SOW Social Work
SPA Spanish
SPE Speech
TCL Textiles, Clothing and Merchandising
THE Theatre
WYC Whitney Young College

ACCOUNTING

Note: 300-level courses require junior standing or consent of dean; 400-level courses require senior standing or consent of dean.

- ACC 261: Principles of Accounting I** 3
Prerequisite: MAT 110. A basic introduction to current accounting theory and practice. Areas studied include accounting concepts and principles, financial statements, the accounting cycle, merchandising operations, current assets, current liabilities, and operating assets.
- ACC 262: Principles of Accounting II** 3
Prerequisite: ACC 261. Study of accounting fundamentals involving corporations, partnerships, investments, manufacturing operations, financial statement analysis, statement of changes in financial position, and accounting information for management decisions.
- ACC 361: Intermediate Accounting I** 3
Prerequisite: ACC 262. A comprehensive study of the concepts and principles underlying financial accounting and reporting. Emphasis is given to the generally accepted accounting and reporting principles of the corporate entity relating to current assets, current liabilities, and operating assets.
- ACC 362: Intermediate Accounting II** 3
Prerequisite: ACC 361. A continuation of ACC 361. Specific topical areas addressed include investments, long-term liabilities, owners' equity, pensions, leases, accounting changes, prior period adjustments, accounting for changing prices, income taxes, and the statement of changes in financial position.
- ACC 400: Managerial Accounting** 3
Prerequisites: ACC 262, MGT 323 and ECO 321. A study of the use of accounting information and accounting techniques in the decision-making process.
- ACC 410: Accounting Systems** 3
Prerequisites: ACC 262, BUA 200 and COS 101. An exploration of the flow of accounting information and resources throughout the entity with respect to management decision-making and control. Hands-on experience with microcomputer accounting software is an integral part of this course.
- ACC 461: Not-For-Profit-Accounting** 3
Prerequisite: ACC 262. A study of generally accepted accounting and reporting principles for governmental and other not-for-profit entities. Particular emphasis is given to state and local governmental units.
- ACC 462: Federal Income Taxation** 3
Prerequisite: ACC 262. Interpretation of federal income tax laws, rules, regulations and court decisions applicable to individuals and businesses. Attention is given to research in federal income taxation and court decisions and to compliance aspects of tax return preparation.
- ACC 463: Advanced Federal Income Taxation** 3
Prerequisite: ACC 462. Interpretation of federal income tax laws, rules, regulations and court decisions applicable to partnerships, corporations, fiduciaries, estates, and gifts. Attention is given to research in federal income taxation and to tax administration and practice.
- ACC 481: Cost Accounting I** 3
Prerequisite: ACC 262. The study of cost behavior from a managerial perspective. The principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs are examined.
- ACC 482: Cost Accounting II** 3
Prerequisites: ACC 481, ECO 312 and ECO 321. A study of the accounting concepts and procedures in capital budgeting, cost allocation theory, segment performance measurement, cost behavior, and quantitative approaches to dealing with constraints and uncertainty.
- ACC 485: Advanced Accounting** 3
Prerequisite: ACC 362. A comprehensive study of selected accounting problems, including partnerships, consolidated financial statements, fiduciaries, receivership, and foreign currency translation.
- ACC 490: Auditing** 3
Prerequisites: ACC 362 and ECO 311. A study of the attest function, including history, scope of service, ethics, and responsibilities. Auditing techniques and procedures used in independent audits are covered.
- ACC 499: Independent Study in Accounting** 3
Prerequisite: Senior standing. Research and in-depth study of a particular accounting concept or problem under the guidance of a faculty member.
- ## ART
- ART 101: Public School Arts** 3
Includes all aspects of teaching art in grades K-4: philosophies, methods, procedures, materials and evaluations. Personal investigation of diverse art activities dealing with two-dimensional materials is stressed.
- ART 102: Introduction to Arts and Crafts** 3
An introductory course in arts and crafts for non-art majors. A wide range of art media and processes is explored and basic concepts and vocabulary of art are introduced.
- ART 103: Interior Design** 1
An introduction to basic concepts, principles, and techniques of interior design. Each time this course is offered, different topics will be covered. A student may repeat the course five times.
- ART 104: Studio Arts** 1
Basic concepts and techniques of a specific art medium are introduced each time the course is offered. A student may take the course as often as desired. Two hours per week.
- ART 110: Basic Drawing I** 3
An introductory course with emphasis on developing visual acuity and fundamental drawing skills. Methods and materials relating to two-dimensional representation will be investigated.
- ART 112: Two-Dimensional Design** 3
An introduction to basic design elements and principles. Activities will deal mostly with the two-dimensional realm and will include the investigation of line, shape, value, color, and texture.
- ART 113: Three-Dimensional Design** 3
Prerequisite: ART 112. A continuation of ART 112 as it relates to the three-dimensional realm.
- ART 130: Introduction to Art** 3
A basic course that examines the nature of visual art experiences, the formal and expressive characteristics of art, significant historical concepts and movements, and the relevance of art to one's life.
- ART 160: Art Symposium** 1
A course designed to acquaint students with concepts, media, and methods of the arts via discussions, guest speakers, multi-media presentations, and demonstrations. May be repeated five times.
- ART 201: Art History Survey I** 3
A survey lecture course designed to expose the student to the history of art from prehistoric times through the Middle Ages.
- ART 202: Art History Survey II** 3
Prerequisite: ART 201. A continuation of ART 201 from the Renaissance through the Modern Period.
- ART 211: Basic Drawing II** 3
Prerequisite: ART 110. A continuation of ART 110. Emphasis will be placed on the rendering of the human form via contour, gesture, value,

and weight, drawing with various media.

- ART 220: Basic Painting I** 3
Prerequisites: ART 110 and ART 112. An introduction to the basic processes and materials of painting. Emphasis is placed on compositional factors.
- ART 240: Ceramics I** 3
Prerequisites: ART 110 and ART 113. An introduction to the basic processes and materials of ceramics. Emphasis is placed on handbuilding processes and principles of glazing and firing.
- ART 245: Weaving I** 3
Prerequisites: ART 110 and ART 113. Exploration of both loom and finger-controlled weaving processes and an introduction to macrame, crochet, and wrapping.
- ART 300: Twentieth Century Art History** 3
A study of European and American art forms of the twentieth century.
- ART 302: Contemporary Art History** 3
Examination of the direction of the visual arts since 1955.
- ART 303: Afro-American Art History** 3
A course designed to reveal contributions and accomplishments of Afro-American artists and the influence of early African art on art of the world.
- ART 304: Directions in American Art** 3
An examination of major directions in American art of the nineteenth and twentieth centuries. Topics on black art, women's art, folk art, and mainstream developments will be studied.
- ART 305: Commercial Art I** 3
Prerequisites: ART 110 and ART 112. An introduction to basic concepts and skills of commercial art.
- ART 307: Photography I** 3
An introductory course in black and white photography. Aesthetic considerations and technical control of the medium will be equally emphasized. Student must provide his/her own 35 mm camera.
- ART 310: Basic Drawing III** 3
Prerequisites: ART 110 and ART 112. An investigative approach to both the figurative and abstract levels. Personal visual expressions are encouraged.
- ART 315: Sculpture I** 3
Prerequisites: ART 111 and ART 113. An introduction to the basic constructive processes of sculpture, utilizing plaster, wire, wood and other related materials.
- ART 317: Printmaking I** 3
Prerequisites: ART 110 and ART 112. An introduction to the basic processes and materials of printmaking, including monoprint, calligraphy, woodcut, serigraphy, and etching.
- ART 319: Elementary School Art** 3
A combination lecture-laboratory course dealing with all aspects of teaching art in the elementary school. This course is designed for Art Education majors.
- ART 321: Basic Painting II** 3
Prerequisite: ART 220. A continuation of ART 220 with emphasis on exploration of media and the expression of individual concepts.
- ART 340: Ceramics II** 3
Prerequisite: ART 240. Basic techniques of throwing on a potter's wheel; further study of clay bodies, glazing and firing principles will be investigated.
- ART 345: Weaving II** 3
Prerequisite: ART 245. A continuation of activities introduced in ART
- 245 with an emphasis on draft weaving.
- ART 400: Senior Seminar** 1
Senior Art majors will explore topics in contemporary art through research, discussion, and field trips. They will also prepare their senior art exhibitions, document them with slides, and develop resumes.
- ART 405: Commercial Art II** 3
Prerequisite: ART 305. A continuation of the development of concepts and skills introduced in ART 305 with an emphasis on comprehensive layout and illustration techniques.
- ART 407: Photography II** 3
Prerequisite: ART 307 or consent of instructor. A continuation of the development of skills and aesthetic understanding introduced in ART 307. Special techniques such as multiple printing, solarization, and toning will be introduced.
- ART 415: Sculpture II** 3
Prerequisite: ART 315. An introduction to the basic subtractive processes of sculpture, utilizing wood, stone, and other related materials.
- ART 417: Printmaking II** 3
Prerequisite: ART 317. A continuation of processes introduced in ART 317 dealing with serigraphy and etching. Basic lithographic processes are also introduced.
- ART 419: Secondary School Art** 3
Prerequisite: ART 319. A course similar to ART 319 with emphasis on teaching art on the junior and senior high school levels. Designed specifically for Art Education majors.
- ART 420: Basic Painting III** 3
Prerequisite: ART 321. The expression of individual concepts in painting is encouraged. The appropriateness of materials to specific visual statements is studied.
- ART 430-453: Problems in Art** 3
These courses are designed to provide students advanced, individualized instruction in the art areas listed below.
- ART 430: Problems in Drawing I**
ART 431: Problems in Drawing II
ART 432: Problems in Drawing III
ART 433: Problems in Painting I
ART 434: Problems in Painting II
ART 435: Problems in Painting III
ART 436: Problems in Printmaking I
ART 437: Problems in Printmaking II
ART 438: Problems in Printmaking III
ART 439: Problems in Ceramics I
ART 440: Problems in Ceramics II
ART 441: Problems in Ceramics III
ART 442: Problems in Sculpture I
ART 443: Problems in Sculpture II
ART 444: Problems in Sculpture III
ART 445: Problems in Weaving I
ART 446: Problems in Weaving II
ART 447: Problems in Weaving III
ART 448: Problems in Art History I
ART 449: Problems in Art History II
ART 450: Problems in Art History III
ART 451: Problems in Photography I
ART 452: Problems in Photography II
ART 453: Problems in Photography III
- ## BIOLOGY
- BIO 101: Life Science** 3
A general study of biological concepts of living organisms. Emphasis is placed on cellular physiology, genetics, ecology, and evolution. (Two

hours of lecture, two hours of laboratory per week)

BIO 107: Anatomy and Physiology I 4
A study of the structure and function of various body systems with emphasis on the skeletal, muscular and nervous mechanisms. Adapted to the needs of Nursing students. (Three hours of lecture, two hours of laboratory per week)

BIO 108: Anatomy and Physiology II 4
Prerequisite: BIO 107 or consent of instructor. A continuation of BIO 107 with emphasis on the circulatory, respiratory, digestive, urinary, endocrine, and reproductive systems. (Three hours of lecture, two hours of laboratory per week)

BIO 109: Introduction to Allied Health 3
An in-depth study of the allied health professional as a member of the health care team. Class activities are designed to stimulate the student to integrate philosophical concepts and values underlying the health professions. (Three hours of lecture per week)

BIO 111: Principles of Biology 4
Analysis of fundamental concepts underlying and unifying living systems. Emphasis is placed on major principles of cellular anatomy and physiology, reproduction and development, genetics, ecology, and evolution. (Two hours of lecture/discussion, four hours of laboratory per week)

BIO 112: Exploration of Modern Topics in Biology 3
Prerequisite: BIO 101 or BIO 111. Formal presentations and colloquia on biological topics of current interest. Concise overviews will be presented on the diversity of living systems, evolution, and life processes. (Three hours of lecture per week)

BIO 201: Environmental Biology 3
Prerequisite: BIO 101 or BIO 111 or consent of instructor. Topics include food production, energy resources, resources needed for social needs, waste disposal, human population biology, and problems encountered in pollution abatement. (Three hours of lecture per week)

BIO 204: Fundamentals of Microbiology 3
A course adapted to the needs of nursing students. Emphasis is given to such topics as infection by microbes, the body's immune system, pathogens, and parasites. (Two hours of lecture, two hours of laboratory per week)

BIO 210: General Zoology 3
Prerequisite: BIO 111. An introduction to the animal world, including taxonomy and diversity of kind, morphological and physiological organization of representatives of various phyla; and evolutionary relationships among phyla. (Two hours of lecture, two hours of laboratory per week)

BIO 212: General Botany 3
Prerequisite: BIO 111. An introduction to the plant world, including taxonomy and diversity of kind, morphological and physiological organization of representatives of various divisions, and evolutionary relationships among divisions. (Two hours of lecture, two hours of laboratory per week)

BIO 220: Medical Terminology 2
Designed to review common terms used in the medical professions.

BIO 301: Human Anatomy 3
Prerequisite: BIO 101 or BIO 111. Details of the anatomy of cellular structures found in humans on both the microscopic and macroscopic level. The anatomical configuration of cells and tissues forming the neural, muscular, renal, circulatory, respiratory, digestive, skeletal, and reproductive systems are investigated. (Two hours of lecture, one 2-hour laboratory per week)

BIO 302: General Microbiology 4
Prerequisites: BIO 111 and CHE 102 (concurrent) or consent of instructor. Study of the morphology, classification, distribution, and physiology of bacteria, viruses, and other microorganisms in industry and the environment. Laboratory exercises emphasize aseptic technique, staining, cultivation, identification, and control of bacteria. (Three hours of lecture, three hours of laboratory per week)

BIO 303: Human Physiology 4
Prerequisites: BIO 210 and CHE 102; PHY 207 and PHY 208 are recommended. Study of cells, tissues, organs, and systems in relation to each other, and in the coordinated activity of contractility, conductivity, respiration, translocation of materials, and other problems in physiology. (Two hours of lecture, four hours of laboratory per week)

BIO 304: Vertebrate Embryology 4
Prerequisite: BIO 111 or consent of instructor. Morphological and developmental aspects of embryology, including genetic and molecular mechanisms. The comparative developmental anatomy of the starfish, frog, chick, and pig are studied in the laboratory. (Two hours of lecture, four hours of laboratory per week)

BIO 305: Comparative Vertebrate Anatomy 4
Prerequisite: BIO 210. Study of the relationships of vertebrate groups and the structure and significance of various organs and systems of typical vertebrates, and discussions of the history and habitats of the various groups. (Two hours of lecture, four hours of laboratory per week)

BIO 307: Genetics 3
Prerequisites: BIO 210 and CHE 202. Laws and principles of heredity and variation of plants and animals with special reference to man. Evaluations of biochemical, biometrical, cytological, and embryological aspects of genetics. (Two hours of lecture/discussion/demonstration and 2 hours of laboratory per week)

BIO 308: Microtechnique and Histology 4
Prerequisite: BIO 111. Primarily a laboratory course devoted to preparation of tissues for microscopic study. Lectures offer an introduction to microscopic anatomy and theory of microscopic techniques. (Two hours of lecture, four hours of laboratory per week)

BIO 309: Parasitology 4
Prerequisite: BIO 210 or consent of instructor. A study of epidemiology, pathology, diagnosis, and control of parasites of man and other animals. (Two hours of lecture and two hours of laboratory sessions per week)

BIO 310: Clinical Laboratory Techniques 4
Prerequisite: Consent of instructor. Integration of theoretical knowledge and practical application in a simulated clinical laboratory. Emphasis on medical laboratory statistics and quality control, clinical laboratory methodology, and lab instrumentation. (Five hours of lecture/laboratory per week)

BIO 401: Biology Seminar 1
Prerequisite: Upper-division standing required, senior classification recommended. A seminar designed to provide information and discussion on current biological research by faculty members and visiting scientists. (One-hour seminar per week)

BIO 403: Immunology 3
Prerequisite: Consent of instructor. Development of the immune system, immunoglobulin structure, antigenicity, antigen-antibody reactions, phylogeny of immune responses, and theories of antibody formation. Immunity to bacterial and viral infections, allergies, and graft-host reactions. (Three hours of lecture/discussion/demonstration per week)

BIO 404: Hematology 4
Prerequisite: Consent of instructor. A comprehensive study of the blood

system, including the hematopoietic systems and disorders of the blood in humans. (Five hours of lecture/laboratory per week)

BIO 405: Medical Microbiology 4
Prerequisite: BIO 302. Lecture and laboratory work in pathogenic bacteriology, virology, mycology, and parasitology. Emphasis on etiology, epidemiology, identification, and clinical diagnosis of pathogens. (Three hours of lecture, three hours of laboratory per week)

BIO 408: Cell Biology 4
Prerequisites: BIO 111 and CHE 202. Cell structure and chemistry as it relates to cell function. Biochemical and molecular aspects of cell functions are emphasized. (Three hours of lecture, three hours of laboratory per week)

BIO 410: Special Problems in Biology 1-4
Prerequisite: Consent of the instructor. A course in which advanced Biology students who demonstrate ability and interest in the field pursue an independent experimental or library research project under the guidance of the instructor. (Hours arranged)

BIO 416: Ecology 3
Prerequisite: BIO 101 or BIO 111 or consent of instructor. A study of the interrelationships of living organisms and their environment. This course draws from several disciplines and stresses concepts of modern ecology. (Three hours of lecture per week)

BIO 290, 390, 490: Biological Practicum 3-12
Prerequisite: Consent of advisor. An on-the-job work experience in the biological sciences (Cooperative Education) or clinical practice (Medical Technology).

BEHAVIORAL AND SOCIAL SCIENCES

BSS 200: Introduction to Social Science Seminar 3
Prerequisite: Sophomore classification. Through lecture and discussion, this course will introduce the theories, methodologies and controlling ideas of each of the social sciences; the central focus of the seminar, the commonalities between and among the various disciplines; draws attention to the historical evolution, frames of reference, methodologies and shortcomings of each field of study.

BSS 499: Senior Colloquium 3
Prerequisite: Senior classification in social or behavioral sciences. The colloquium is designed to demonstrate and enhance comprehensive subject matter mastery by students; to develop student skills at analysis, interpretation and research; and to nurture intellectual self-reliance, critical thinking and creativity through intensive reading, writing and oral presentations on selected topics.

BUSINESS ADMINISTRATION

Note: 300-level courses require junior standing or consent of dean; 400-level courses require senior standing or consent of dean.

BUA 200: Computer Applications in Business 3
Prerequisite: COS 101. A survey of business-application software with emphasis on the personal computer. The student is introduced to word processing, electronic spreadsheets, data management, and business graphics, as well as the basic utility functions of a disk operating system.

BUA 321: Legal Environment 3
A study of the legal system, basic legal rules, and the regulatory environment in which businesses operate. Attention is given to ethical considerations affecting business.

BUA 322: Business Law 3
Prerequisite: BUA 321. A study of the law relating to contracts, sales,

negotiable instruments, real and personal property, and the application of legal rules to specific cases.

BUA 330: Corporation Finance 3
Prerequisites: ACC 262 and ECO 212. Overview of financial principles and functions with applications to corporation financial management. Emphasis is placed on working capital management, capital budgeting, risk and financial analysis.

BUA 420: Financial Institutions and Markets 3
Prerequisite: BUA 330. Overview of sources and uses of funds, commercial banks, savings and loans, insurance companies, pension funds, and other financial intermediaries. The impact of money markets, capital markets, and financial institutions is considered.

BUA 430: Investments 3
Prerequisite: BUA 330. Characteristics of bonds, stocks, securities markets, and investment banking are studied. Consideration is given to the sources of investment information, interpretation of financial news, taxation of securities, investors of limited means, and analysis of securities.

BUA 440: Personal Financial Planning 3
Prerequisite: Consent of instructor. Overview of budgeting, risk management, investment basics, taxes, retirement planning, and estate planning.

BUA 499: Independent Study in Business Administration 3
Prerequisite: Senior standing. Research and in-depth study of a particular business administration concept or problem under the guidance of a faculty member.

BUSINESS EDUCATION

BUE 204: Business Communication 3
Prerequisites: OAD 100 or equivalent, ENG 101 and ENG 102. Emphasizes communication theory and its application primarily to business writings — letters, memoranda, and reports — with correct and forceful English. Includes techniques for effective dictation and procedures for solving internal business reporting problems.

BUE 360: Principles of Business Education 3
Consideration of the philosophy and problems underlying practices and methods in the teaching of general business, bookkeeping, shorthand, typewriting, and related business subjects offered in secondary and postsecondary institutions.

BUE 400: Methods and Materials in Bookkeeping and Social Business Subjects 3
Prerequisites: ACC 262, BUE 360, and ECO 212. Methods, techniques, and materials for the teaching of bookkeeping/accounting, basic business, and economic education courses taught in junior and secondary schools. Emphasizes performance objectives and competency-based learning.

BUE 402: Methods and Materials in Office Services 3
Special methods, strategies, techniques, and devices used in the teaching of shorthand, typewriting, secretarial office procedures, and other skills courses. Basic Business teaching majors are to elect the typewriting module of this course for one hour of credit.

CHILD DEVELOPMENT AND FAMILY RELATIONS

CDF 101: Introduction to Early Childhood Education 3
Examines various program models and philosophies of early childhood education and includes a basic introduction to the overall needs of young children. (Lecture, field trips, and observation)

CDF 102: Family Development 3
Examines the stages of the family life cycle and interpersonal relationships among family members.

CDF 203: Child Care and Development I 3
This course examines the physical, mental, social and emotional growth of a child from conception through age three. (Lecture and observations)

CDF 204: Child Care and Development II 3
An examination of the physical, cognitive, social, and emotional growth of children from age four through age eight. Includes formal and informal assessments and the effects of family diversity on learning.

CDF 305: Materials and Methods in Early Childhood Education 3
Prerequisites: CDF 203 and CDF 204. Preparation, selection, and evaluation of instructional materials for early childhood programs.

CDF 315: Child Guidance 3
Prerequisites: CDF 203 and CDF 204. Intensive study of child development theories and guidance techniques. (Two hours lecture and two hours laboratory)

CDF 316: Teacher's Role in Family/School Relations 3
A study of current principles and practices and the analysis of factors that enhance the teacher's role in family/school relations. (Lecture, observation, and report-writing)

CDF 407: Advanced Practicum in Early Childhood Programs I 3
Supervised practicum in the Early Childhood Learning Center. (Four hours laboratory, one hour discussion and lecture per week)

CDF 408: Advanced Practicum in Early Childhood Programs II 3
Supervised practicum in the Early Childhood Learning Center. (Four hours laboratory, one hour discussion and lecture per week)

CDF 409: Organization and Administration of Early Childhood Education Programs 3
Prerequisite: Consent of instructor. Organization and administration of early childhood education programs, including housing, equipment, programs, records, and parent involvement.

CDF 420: Parent Education 3
Study and application of various principles and techniques useful in working with parents of young children.

CHEMISTRY

CHE 101: General Chemistry I 4
Introduction to units of scientific measurement, atomic structure and chemical bonding, chemical calculations, the states of matter, and solutions. (Three hours of lecture and three hours of laboratory per week)

CHE 102: General Chemistry II 4
Prerequisite: CHE 101 or equivalent. A continuation of CHE 101, including topics such as kinetics, equilibria, nuclear chemistry, thermochemistry, electrochemistry, descriptive chemistry, and organic chemistry. (Three hours of lecture, three hours of laboratory per week)

CHE 109: Survey of General Chemistry 4
Basic principles of general chemistry for students in home economics, nursing, industrial arts, and in other fields. (Four hours of lecture per week)

CHE 200: Survey of Basic Organic Chemistry 4
Prerequisite: CHE 109. Basic classification of organic compounds, their reactivities, and their structural relationships. Emphasis on biologically active compounds related to medicine and nutrition. (Four hours of lecture per week)

CHE 201: Organic Chemistry I 4
Prerequisite: CHE 102. Molecular orbital representations of organic

molecules, reaction mechanisms, and an introduction to the use of ultraviolet, infrared, and nuclear magnetic resonance spectroscopy in the identification of organic compounds. (Three hours of lecture per week, three hours of laboratory per week)

CHE 202: Organic Chemistry II 4
Prerequisite: CHE 201. A continuation of CHE 201 that covers the reactions of aromatics, amines, alcohols, phenols, carbonyls, carboxylic acids, and polyfunctional organic molecules. Instrumental methods of functional group determination. (Three hours of lecture and three hours of laboratory per week)

CHE 203: Quantitative Analysis 4
Prerequisite: CHE 102. Fundamental theory and practice of volumetric, gravimetric, and electrochemical analysis. Preparation of standard solutions for the analysis of salts, alloys, and ores. (Two hours of lecture per week, four hours of laboratory per week)

CHE 301: Qualitative Organic Analysis 4
Prerequisite: CHE 202. Identification and characterization of organic compounds by laboratory and instrumental methods. (Two hours of lecture, four hours of laboratory per week)

CHE 307: Physical Chemistry I 4
Prerequisites: MAT 201. Corequisite: CHE 203. Introduction to the theory and application of thermodynamics, molecular kinetics, and chemical kinetics. (Three hours of lecture, three hours of laboratory per week)

CHE 308: Physical Chemistry II 4
Prerequisite: CHE 307. A continuation of CHE 307. Introduction to quantum mechanics, statistical mechanics, and molecular spectroscopy. (Three hours of lecture, three hours of laboratory per week)

CHE 312: Inorganic Chemistry 4
Prerequisites: CHE 101 and CHE 102. Systematic inorganic chemistry from the standpoint of periodicity and electronic structure. Topics include bonding theory, acid-base theories, reactions in nonaqueous media, and transition metal coordination chemistry. (Four hours of lecture per week)

CHE 314: Instrumental Analysis 4
Prerequisite: CHE 202. Theory and modern methods of instrumental analysis, with emphasis on spectrophotometric, chromatographic, and electroanalytical techniques. (Two hours of lecture, four hours of laboratory per week)

CHE 315: Biochemistry I 4
Prerequisite: CHE 201 (CHE 307 recommended). Introductory treatment of amino acids and peptides, proteins, enzymes, nucleotides and nucleic acids, carbohydrates, lipids and biomembranes, the citric acid cycle, lipid metabolism, and protein biosynthesis. (Three hours of lecture, three hours of laboratory per week)

CHE 316: Biochemistry II 4
Prerequisite: CHE 315. In-depth discussion of degradation and biosynthesis of the major classes of biological molecules, principles of bioenergetics, oxidative phosphorylation, and photosynthesis. Advanced techniques are covered in the laboratory. (Three hours of lecture, three hours of laboratory per week)

CHE 401: Undergraduate Research I 1-4 by arrangement
Prerequisite: Consent of instructor. This course is designed to give Chemistry majors an opportunity to conduct independent research, using techniques in synthesis, analysis, and applications of basic chemical theory. Open to juniors and seniors who show promise in the field.

CHE 402: Undergraduate Research II 1-4 by arrangement
A continuation of CHE 401.

CHE 408: Inorganic Preparation 4
Prerequisite: CHE 102. Introduction to preparation and characterization of inorganic compounds, purification, and handling techniques. Typical laboratory techniques are applied to the compounds prepared. (Two hours of lecture, four hours of laboratory per week)

CRIMINAL JUSTICE

CJE 101: Introduction to Criminal Justice 3
A survey course designed to study the criminal justice process. The course will include an analysis of local, state and federal police, court and correctional agencies and their relationships to each other.

CJE 103: Introduction to Criminal Law 3
Prerequisite: CJE 101. The study of the development and history of criminal laws in the United States with emphasis on the structure, definitions and interpretations of the most frequently used criminal statutes.

CJE 200: Police Systems 3
Prerequisite: CJE 101. The study of the history and development of federal, state and local law enforcement agencies with attention to the study of different functions, roles and current issues in law enforcement.

CJE 202: Police Patrol and Services 3
Prerequisite: CJE 101. The study of the patrol function as viewed from the individual, supervisory, and organizational levels. Includes the study of responsibilities, techniques and methods of police patrol.

CJE 203: Criminal Procedure 3
Prerequisite: CJE 103. The study of pre-trial, trial and post-trial procedures and their rationales. An analysis of the positive and negative implications and/or consequences of the legal process.

CJE 204: Criminal Evidence 3
Prerequisite: CJE 203. The study of the rules of evidence with specific emphasis on application in preparing and presenting evidence. Includes admissibility requirements, burden of proof, testimonial privileges and hearsay evidence.

CJE 205: Introduction to Corrections 3
Prerequisite: CJE 203. The study of the correctional process, including jails, prisons, probation and parole. Emphasis is on an analysis of correctional theory and practice.

CJE 208: Private Security 3
The study of the historical and philosophical development of private security. Emphasis is placed on responsibilities and legal problems of private agencies.

CJE 210: Community Relations and Criminal Justice 3
Prerequisite: CJE 200. An in-depth study of the relationship of the community to law enforcement, correctional institutions and other criminal justice agencies. Emphasis is placed on problem-solving techniques and conflict resolution.

CJE 211: Police Administration I 3
An examination of the principles of organization, administration and functions of police departments. An evaluation of personnel policies, divisions, operations, command policies, and evaluation of the department.

CJE 212: Police Administration II 3
A detailed study of the organization, administration and function of the police department. Evaluation of line, staff, auxiliary functions, the utilization of planning, and analytic units as administrative aids.

CJE 303: Constitutional Issues I 3
Prerequisite: CJE 204. The study of the United States Constitution and analysis of Supreme Court decisions stemming from the First, Fourth, Fifth and Sixth Amendments.

CJE 304: Constitutional Issues II 3
Prerequisite: CJE 303. A continuation of CJE 303. An examination of Supreme Court decisions stemming from the Sixth, Eighth, and Fourteenth Amendments.

CJE 316: Principles of Victimology 3
Prerequisites: CJE 204 and CJE 205. Study of crime, victims of crime, and their relationship to the criminal justice process. Emphasis is on the psychological, financial, and medical needs and problems of the victim.

CJE 390: Criminal Justice Internship 3
Prerequisites: CJE 204 and CJE 205. A supervised placement in a criminal justice agency to enable students to obtain practical experience in a criminal justice setting.

CJE 404: Institutional Corrections 3
The study of the prison process. Emphasis is placed on inmate-staff relationships, security procedures and treatment procedures in prison.

CJE 405: Community Corrections 3
Prerequisites: CJE 205, CJE 304, and SOC 343. Study of the history and philosophy of probation, parole, and community-based correctional programs. Emphasis is on methods of treating offenders, methods of decision making, and community reintegration process.

CJE 407: Criminal Justice Administration I 3
Prerequisite: CJE 304. The study of the principles of organization, administration, and function of all criminal justice agencies, including police courts and corrections.

CJE 408: Criminal Justice Administration II 3
Prerequisites: CJE 405 and CJE 407. A continuation of CJE 407. An examination of management approaches and problems in criminal justice, including the examination of planning and evaluation techniques and use of information systems.

CJE 409: Seminar in Criminal Justice 3
Prerequisites: CJE 402 and CJE 407. The study of special issues in criminal justice. Special emphasis will be placed upon solutions to particular administrative problems.

CJE 495: Criminal Justice Research Study 3
Prerequisite: CJE 304. An in-depth research effort in the field of criminal justice. May be a group or individual effort. Course is restricted to criminal justice majors and minors with a minimum 3.0 grade-point average.

CREDIT FOR LIFE EXPERIENCE

CLE 299: Portfolio Development 3
Prerequisites: ENG 101, MAT 110, and consent of instructor. Required course for all students seeking credit through assessment of educationally valid life experiences. Instructs students in developing documented portfolio of nonsponsored prior experiential learning.

COOPERATIVE EDUCATION

COE 291: Cooperative Education I 3-12
Prerequisites: 30 credit hours of course work and consent of advisor. Provides work experience opportunity in a field related to students' vocational interests. Number of credit hours to be awarded and hours of employment to be arranged by Cooperative Education Director. Graded Pass/Fail except for internship required for major.

COE 391: Cooperative Education II 3-12
Prerequisites: One semester of Cooperative Education work experience and approval of advisor. Provides work experience opportunity in a field related to students' vocational interests. Number of credit hours to be awarded and hours of employment to be arranged by Cooperative

Education Director. Graded Pass/Fail except for internship required for major.

COE 491: Cooperative Education III 3-12
Prerequisites: Two semesters of Cooperative Education work experience and approval of advisor. Provides work experience opportunity in a field related to student's vocational interests. Number of credit hours to be awarded and hours of employment to be arranged by Cooperative Education Director. Graded Pass/Fail except for internship required for major.

COMMUNICATIONS

COM 205: Mass Media and Society 3
Prerequisite: SPE 103. The societal impact of mass media in terms of information, entertainment and other types of programming. Basic theory as it relates to criticism and demographics is stressed.

COM 206: Audio Production 3
Prerequisite: COM 205. Audio boards, microphones, microphone techniques, tape decks, cartridge tapes, the recording and editing of tapes. Usually, each student is required to pass the F.C.C. Third Class Operator's test.

COM 225: Radio Production/Programming 3
Prerequisite: COM 205. Designed to provide experience in all production and operating practices and to relate these production experiences to the demands of commercial, educational, and aesthetic requirements of the broadcasting industry.

COM 308: Radio-Television Advertising and Sales 3
Prerequisite: COM 205. Focus on the problems of broadcast advertising and the nation's economy; includes the creative designing of the broadcast commercial message and the foundations for effective time buying.

COM 333: Radio-Television News and Special Programs 3
Prerequisite: COM 206. Focuses on the writing of news for electronic dissemination. Students learn how to gather, write, and visualize news for radio or television.

COM 400: Radio-Television Audiences and Programming 3
Prerequisite: COM 225. This course provides opportunities for the student to become familiar with the problems and techniques of creating programs, program schedules, demographic analyses, and policies and procedures of station program operation.

COMPUTER SCIENCE

COS 100: Introduction to Electronic Data Processing 3
Survey of basic concepts, hardware, and operations; introduction to basic programming concepts and documentation standards in various languages.

COS 101: Fundamentals of Microcomputer Programming — BASIC 3
An introduction to programming fundamentals using microcomputers. Flowcharting with coding in BASIC is used for programs that involve multidimensional arrays.

COS 103: Report Program Generator 3
Prerequisite: COS 100 or consent of instructor. A study of Report Program Generator (RPG) computer language in which students write specifications for jobs utilizing input and output devices and proper documentation.

COS 110: Computer Programming I — FORTRAN 3
Prerequisite: COS 101 or consent of instructor. Introduction to problem-solving methods and algorithm development using FORTRAN. Emphasis on designing, coding, debugging, and documenting programs using good programming style.

COS 180: Advanced Microcomputer Programming Techniques 3
Prerequisite: COS 101. An extension of COS 101 in which BASIC is emphasized. The course includes file processing on the microcomputer.

COS 210: Computer Programming II — FORTRAN 3
Prerequisite: COS 110. Continuation of topics in COS 110, especially more complex programs. Introduction to the basic aspects of more advanced topics, such as string processing, searching, sorting, and elementary data structures.

COS 212: Introduction to Assembler Language 3
Prerequisite: COS 210. Introduction to assembly languages and computer instruction. Study of memory, registers, instruction types and formats, data formats, and the assembly process.

COS 220: Computer Organization 3
Prerequisite: COS 210. Introduction to the organization and structuring of the major hardware components of the computer. Provides the fundamentals of logic design and the mechanics of information transfer and control.

COS 230: COBOL I 3
Prerequisite: COS 101 or COS 110 or consent of instructor. A study of the features of the COBOL language and its applications in designing COBOL programs.

COS 231: COBOL II 3
Prerequisite: COS 230. A continuation of COS 230. Topics studied include table usage, sorting, merging, report writer, and maintenance of sequential, indexed, and relative files. Programs involve utilizing subprograms and source library members.

COS 250: Microcomputer Interfacing 3
Prerequisite: COS 101 or consent of instructor. Introduction to the operation and essential theoretical aspects of establishing sensors and interfaces to microcomputers. A variety of sensors will be utilized to collect, store, analyze, and display data.

COS 280: Pascal Programming 3
Prerequisite: COS 101 or COS 110. A study of Pascal programming language. The Pascal language is designed to complement the block structured programming concept. Programs will be written using the Pascal coding techniques.

COS 300: Systems Design and Development I 3
Prerequisite: COS 230. Introduction to systems design and development techniques utilized in surveying, developing, and installing computer application systems.

COS 302: Operating Systems 3
Prerequisite: COS 212. Survey of current operating systems utilized in various types of computers, comparative analysis of operating systems, and system generation techniques.

COS 330: File Processing (COBOL) 3
Prerequisite: COS 230 or consent of instructor. Introduces concepts and techniques of structuring data on bulk storage devices and provides the foundation and experience in applying data-structure and file-processing techniques.

COS 340: Data Structure and Algorithm Analysis 3
Prerequisite: COS 330. Applies analysis and design techniques to non-numerical algorithms and utilizes algorithmic analysis and design criteria in the selection of methods for data manipulation.

COS 350: Organization of Programming Languages 3
Prerequisite: COS 210. An applied course in programming language constructs emphasizing the run-time behavior of programs. Students study the specification and implementation of various languages, with programming exercises in each language.

COS 382: Assembler Language for Microcomputers 3
Prerequisite: COS 180. A study of assembly languages using selected microprocessors. Programs written include those that stand alone and subroutines to be called by programs written in a high-level language.

COS 400: Systems Design and Development II 3
Prerequisite: COS 300. Continuation of COS 300 with emphasis on state-of-the-art technology. Students will apply the technology by working in teams.

COS 410: Data Base Management Systems 3
Prerequisite: COS 340. Data base concepts and models and their relation to specific data base management systems are studied.

COS 420: Algorithms 3
Prerequisites: COS 340 and COS 350. Techniques of analyzing and developing algorithms. Examples of algorithms from various areas are presented in a high-level language and implemented in appropriate languages.

COS 440: Special Problems 3
Prerequisite: COS 330. Independent work on a significant project involving research, design, implementation, and documentation of a complete system.

COS 480: Microcomputer Operating Systems 3
Prerequisite: COS 382. A survey of major operating systems currently utilized in which selected systems are examined, compared, and evaluated.

COS 490: Microcomputer Systems and Application Development 3
Prerequisites: COS 180 and COS 300. Development of skills necessary to design and install a complex system using microcomputers. Student must demonstrate proficiency in all aspects of establishing an administrative application that requires complex programming techniques.

COS 495: Microcomputers in Elementary and Secondary Education 3
Prerequisite: COS 180 or consent of instructor. An intensive survey of administrative and instructional areas in which microcomputers might be utilized.

DEVELOPMENTAL STUDIES

DES 170: Orientation 3
Provides students with assistance in making a meaningful transition from high school to college. Includes study of official manuals and established rules and standards governing academic life and the University, as well as instruction in skills required for academic success. (Does not count toward any degree requirements.)

DES 171: Communication Arts I — Composition 3
Training and practice in the basic three-stage writing process, i.e., pre-writing, writing, and re-writing. Students adapt writing to various audiences and write, revise, and edit several types of short compositions, including paragraphs, short themes, sketches, and descriptions. (Does not count toward any degree requirements.)

DES 172: Communication Arts II — Composition 3
Prerequisite: Successful completion of DES 171 or placement. Includes additional training and practice in the three-stage writing process. Includes organization and development of longer compositions. Emphasizes methods of development, effective introductions and conclusions, and basic expository patterns, including illustration, comparison and contrast, and cause and effect. (Does not count toward any degree requirements.)

DES 173: Communication Arts III — Oral Communication 3
Basic methods of preparing and delivering extemporaneous speeches.

Emphasis placed on the communication process, communication apprehension, outlining/organizing, nonverbal communication, and listening. Numerous class exercises are provided. (Does not count toward any degree requirements.)

DES 174: Communication Arts IV — Oral Communication 3
Prerequisite: DES 173 or placement. Development of speaker credibility, ethical issues in public speaking, and the preparation of delivery of persuasive messages. Attention is also given to language style, fallacies in argumentation, and class exercises in both impromptu and extemporaneous speaking. (Does not count toward any degree requirements.)

DES 175: Communication Arts V — Reading 3
Designed to raise the general reading-comprehension level. Students are introduced to specific comprehension strategies and carry out guided practices. (Does not count toward any degree requirements.)

DES 176: Communication Arts VI — Reading 3
Prerequisite: Successful completion of DES 175 or placement. Designed to raise the reading comprehension level and familiarize students with college-level reading assignments. Focuses on varied organizational patterns, core vocabulary in liberal studies content areas, and continuation of guided practice in comprehension strategies. (Does not count toward any degree requirements.)

ECONOMICS

Note: 300-level courses require junior standing or consent of dean; 400-level courses require senior standing or consent of dean.

ECO 200: Survey of Economics 3
A basic survey of economic principles involved in microeconomics and macroeconomics. A course offered for non-Business majors.

ECO 211: Principles of Economics I 3
Introduces the basic principles of microeconomics. Examines the background and overview of how the American economy works. The concepts of consumer behavior, business decision making, market structure, income distribution, general equilibrium, and welfare economics are considered.

ECO 212: Principles of Economics II 3
Prerequisite: ECO 211. Introduces the basic principles of macroeconomics and provides an overview of both the private and public sectors. The basic principles of national income determination, money and banking, economic growth, and international economics are considered.

ECO 311: Business Statistics I 3
Prerequisite: MAT 110. The study of numerical data management. The course focuses on measures of central tendencies, probability concepts, sampling distributions, how these concepts are applied in statistical estimates, and hypothesis testing in uncertain situations.

ECO 312: Business Statistics II 3
Prerequisite: ECO 311. The study of regression and correlation analysis, time series analysis and forecasting, Chi-square and analysis of variance.

ECO 321: Quantitative Methods of Decision Making 3
Prerequisite: MAT 125 and ECO 311. Various quantitative models involving matrix algebra, calculus, and functions are studied. The use of linear programming in business decisions is emphasized.

ECO 322: Microeconomics 3
Prerequisite: ECO 212. Intensive study of economic analysis of consumption, output, price, and factor proportion problems of forms in different market structures.

ECO 323: Macroeconomics 3
Prerequisite: ECO 322. A systematic development of static and dynamic theories of aggregate economics, the measurement of economic activi-

ty, determination of national income and growth and fluctuations, and problems in the control of economic activity.

ECO 329: International Economics 3
Prerequisite: ECO 212. A description and analysis of the international economic relationships among the nations of the world with emphasis on the United States and international trade.

ECO 411: Money and Banking 3
Prerequisite: ECO 212. A study of monetary and banking systems. In the United States emphasis is placed on the role of the Federal Reserve System, monetary theories, relationship of money to credit and prices, and current monetary problems.

ECO 420: History of Economic Thought 3
Prerequisite: ECO 212. A survey of the evolutionary development of ideas and concepts of an economic nature from the ancient times to the present period. A study is made of the major contributions of principal economic scholars.

ECO 424: Labor Problems 3
Prerequisite: ECO 212. A study of the labor markets and the labor movement. Among the labor problems studied are wage rates, unemployment, industrial accidents, worker's compensation, and industrial disputes. Emphasis is placed on the organized labor movement and other groups in the United States.

ECO 425: Comparative Economic Systems 3
Prerequisite: ECO 212. A study of the ideologies and functioning of capitalism, communism, and socialism. Emphasis is placed on the operation of basic economic institutions and the manner in which various economic principles and theories operate in each of the systems.

ECO 499: Independent Study in Economics 3
Prerequisite: Senior standing. Research and in-depth study of a particular economic concept or problem under the direction of a faculty member.

EDUCATION

EDU 221: Human Growth — Life Span Development 3
Prerequisite: PSY 200. A study of theories, concepts, findings, and interpretations of psychological investigations concerning growth and development from conception through adolescence. Techniques of working with children and youth are covered. Observations required.

EDU 222: Adolescent Development 3
Prerequisite: PSY 200. The study of growth and development from adolescence through adulthood. Attention is given to factors that influence adolescent behavior. Research and literature in the field are reviewed. Observations required.

EDU 294: Introduction to Teaching 2
A lecture/laboratory course for elementary and secondary education students that explores the role of American education, the school curriculum, and the realities and expectations of teaching in combination with practical experiences in a classroom setting. Observations in public schools are required.

EDU 301: Educational Psychology 3
Prerequisite: PSY 200. An application of psychology to the problems of learning and teaching with emphasis on cognitive, affective, and psychomotor learning and strategies utilized in different classroom situations.

EDU 305: Fundamentals and Administration of Elementary Education 3
Prerequisite: Admission to Teacher Education. A study of the organization of the elementary school. Includes a review of the curriculum, teaching methods, materials, and responsibilities of school personnel.

Mandatory for physical education students seeking elementary endorsement.

EDU 308: Current Issues in Education 3
Prerequisite: Junior classification. A study of current trends and issues in education. Topics will focus on state and national developments in education and may vary from one semester to another.

EDU 310: Introduction to Exceptional Education 3
Prerequisite(s): EDU 221; or CDF 203 and CDF 204. A survey of the major areas of exceptionality. Principles and practices for adapting education programs to accommodate exceptional children in the regular classroom are presented. Observation/interaction is required.

EDU 312: Teaching Reading in the Elementary School 3
Prerequisite: Admission to Teacher Education. A study of the strategies and techniques for reading instruction in grades K-8. Emphasis is on the components of the reading process, teaching approaches, student assessment, and use of materials. Observation/interaction is required.

EDU 313: Teaching Language Arts in the Elementary School 3
Prerequisite: EDU 312. A study of content, methods, and materials for teaching language arts: listening, speaking, reading, and writing in grades K-8. Techniques of evaluation are included. Classroom observation/interaction is required.

EDU 314: Teaching Social Studies in the Elementary School 3
Prerequisite: EDU 305. Exploration of the content, methods of teaching, and investigations of various curriculum designs of the social studies program in grades K-8.

EDU 315: Multicultural Education 3
Prerequisite: EDU 221. A study of the cultural diversity of racial and ethnic groups as a means of expanding knowledge of and respect for various cultural groups and enhancing understanding of diverse cultural factors that influence teaching and learning.

EDU 316: Penmanship 1
Prerequisite: EDU 221 or CDF 204. Emphasis is on theory and development of skills and on teaching techniques for producing legible, fluent, and consistent handwriting.

EDU 318: Educational Media Instruction 2
A lecture/laboratory course designed to emphasize study of basic production and utilization of educational media for the improvement of teaching. Laboratory experience is required in the use of microcomputers and audio-visual equipment.

EDU 324: Foundations of Education 3
Prerequisite: Junior standing. An intensive study of factors that influence development of education in the United States and that contribute to the solution of current educational issues and problems.

EDU 328: Assessment of Learning 2
Prerequisite(s): EDU 221 and CDF 203; or CDF 204. A study of methods, techniques and instruments that are appropriate for assessment of learning. Classroom observation/interaction is required.

EDU 330: The Middle Grades Curriculum 2
Prerequisite: Admission to Teacher Education. An introductory course that focuses on the middle school curriculum, teaching methods, current strategies and materials. Classroom observation/interaction is required.

EDU 332: Teaching Reading in the Middle Grades 3
Prerequisite: Admission to Teacher Education. A study of approaches and methods for reading instruction in grades 4-8. Classroom observation/interaction is required.

EDU 333: Teaching Language Arts in the Middle Grades 3
Prerequisite: EDU 312 or EDU 332. A study of content, methods and

materials for language arts instruction in grades 4-8. Classroom observation/interaction is required.

EDU 394: Clinical Experiences in Teaching 4
Prerequisite: Approval for supervised teaching by the Teacher Education Committee. A four-week lecture/laboratory course designed for elementary and secondary education students. Course must be taken immediately prior to supervised teaching.

EDU 400: Senior Seminar — Early Elementary Education 1
Prerequisite: Senior standing in Early Elementary curriculum. A comprehensive review of major concepts and issues in the Early Elementary program.

EDU 401: Senior Seminar — Middle Grades Education 1
Prerequisite: Senior standing in the Middle Grades curriculum. A comprehensive review of major concepts and issues in the Middle Grades program.

EDU 402: Theories of Learning and Classroom Management 3
Prerequisite(s): EDU 221; or CDF 203 and CDF 204. A study of theories of learning and their application to classroom management in grades K-8. Classroom observation/interaction is required.

EDU 409: Fundamentals and Administration of Secondary Education 3
Prerequisite: Admission to Teacher Education. A study of the organization, curriculum, and teaching methods of high schools. Includes a review of the materials and responsibilities of school personnel.

EDU 410-414: Methods of Teaching High School Subjects 3
Prerequisite: EDU 409. This course is sectioned in accordance with the focus of the student's program. Methods, materials and techniques utilized for subject area instruction are covered. Classroom observation/interaction is required.

- EDU 410: Methods of Teaching English
- EDU 411: Methods of Teaching Mathematics
- EDU 412: Methods of Teaching Physical Education
- EDU 413: Methods of Teaching Science
- EDU 414: Methods of Teaching Social Studies

EDU 423: Teaching Science in the Elementary School 3
Prerequisite: Senior standing in Elementary Education. A study of content, methods and materials for teaching science in grades K-8. Classroom observation/interaction is required.

EDU 430: Methods and Materials in the Middle Grades (English, Mathematics and Social Studies) 4
Prerequisite: EDU 330. A study of the content, methods, materials, scope and sequence of English, social studies and mathematics programs in grades 4-8. Classroom observation/interaction is required.

EDU 445: Reading Instruction in the Secondary School 3
Prerequisite: Admission to Teacher Education. A study of methods and materials for reading instruction in secondary schools with emphasis on the improvement of reading in the content areas.

EDU 474-494: Supervised Teaching
These courses provide appropriate observation and practice of teaching under the guidance of a classroom teacher. Only students who have completed all other degree requirements and who have been approved by the Teacher Education Committee may take the applicable course.

- EDU 474: Supervised Teaching in Early Elementary Grades 4-8
- EDU 484: Supervised Teaching in Middle Grades 4-8
- EDU 494: Supervised Teaching in Secondary Schools 12

ENGLISH

ENG 100: Fundamentals of English 3
Required of all freshmen whose scores on the English Placement Test

do not warrant enrollment in English 101. Fundamentals of language through careful listening, speaking, and writing are stressed. (Does not count toward any degree requirements.)

ENG 101: English Composition and Rhetoric I 3
Prerequisite: A passing grade on the English Placement Test or in ENG 100. Required of all students who have earned acceptable scores on the English Placement Test. Emphasis is placed on command of the fundamentals of language required for the writing of clear and effective sentences and paragraphs in standard English.

ENG 102: English Composition and Rhetoric II 3
Prerequisite: ENG 101. Continuation of English 101 with the same attention to fundamentals. Several weeks are devoted to the preparation of a research paper.

ENG 104: College Study Strategies I 3
Required of entering freshmen whose performance on the Reading Test warrants reading instruction. Comprehension, rate, vocabulary, and study skills will be studied in depth. One hour weekly devoted to lecture and discussion; two hours weekly devoted to laboratory work, which will be an integral part of instruction in the course. (Does not count toward any degree requirements.)

ENG 105: College Study Strategies II 3
Prerequisite: ENG 104. A continuation of English 104, with emphasis on higher-level comprehension, reading rate, vocabulary, and study skills. One hour weekly devoted to lecture and discussion; two hours weekly devoted to laboratory work. (Does not count toward any degree requirements.)

ENG 170: Fundamentals of English for Foreign Students 3
Familiarizes foreign students with fundamentals of written and spoken English, focusing on English used in academic and social settings. (Does not count toward any degree requirements.)

ENG 171: Fundamentals of Informative Writing for Foreign Students 3
Familiarizes foreign students with American academic and institutional writing formats, including summaries, paraphrases, definitions, abstracts, reviews, critiques, memorandums, and letters. (Does not count toward any degree requirements.)

ENG 203: Creative Writing 3
Prerequisite: ENG 102. Short stories, poetry, formal essays, and student writings will be read and criticized informally by members of the class.

ENG 204: Journalism 3
Prerequisite: ENG 102 or consent of instructor. Practical work in gathering, organizing, and writing news. Objectives will include producing well-written news, features, and editorials for publication.

ENG 211: Introduction to Literature 3
Prerequisite: ENG 102. Required of all students for graduation. An introduction to the understanding and enjoyment of the major literary genres: fiction, drama, poetry, essays.

ENG 213: Advanced Composition and English Grammar 3
Prerequisite: ENG 102. Required of all English majors and English minors. Study of rhetorical techniques, effective use of words, rules and conventions of punctuation, contemporary usage, current and past prose styles, the structure of sentences, paraphrase and precis writing.

ENG 216: Technical Writing 3
Prerequisite: ENG 102 or permission of the instructor. Open to all students. Training and practice in written communications (reports, business letters, memorandums, etc.) required in business, industry, and government.

ENG 260: Children's Literature	3
Prerequisite: ENG 211. A study of literature that is especially suitable for use in the elementary grades with emphasis upon techniques of presenting this literature to young children.	
ENG 274: Kentucky Literature	3
A survey of the literature, chiefly fiction, produced by Kentucky writers. Among the writers whose works are studied are Robert Penn Warren, Harriet Arnow, James Still, James Allen, Gayl Jones, John Fox, Elizabeth Madox Roberts, Jesse Stuart, and Wendell Berry.	
ENG 301: Romanticism	3
Prerequisite: ENG 211. The principles and ideas of Romanticism as expressed by the chief English writers of poetry and prose from 1793 to 1832.	
ENG 302: Images of Women in Literature	3
A study of literature by and about women, with particular emphasis on the "woman's role" and her depiction as symbol, myth, and social problem in literature.	
ENG 303: Victorian Literature	3
Prerequisite: ENG 211. Works of the principal authors of the Victorian era in relation to the political, intellectual, and social background of the period.	
ENG 312: World Literature	3
Prerequisite: ENG 211. A holistic approach to the study of literature in world cultures. Western and non-Western literary selections expose students to universal literary concerns and themes.	
ENG 322: The Foundations of English Literature	3
Prerequisite: ENG 211. Major works by British authors from the Old English period to the Age of Johnson with consideration of the critical, intellectual, and historical backgrounds of each literary period.	
ENG 323: English Literature from the Age of Johnson to Recent Times	3
Prerequisite: ENG 211. Continuation of the survey of major British works and their critical, intellectual, and historical contexts from Johnson to the modern era.	
ENG 324: Survey of American Literature I	3
Prerequisite: ENG 211. A chronological study of major premodern American writers, with due emphasis on political, social, and literary movements.	
ENG 325: Survey of American Literature II	3
Prerequisite: ENG 211. A study of modern American writers, with emphasis on political, social, and literary movements.	
ENG 337: The American Novel	3
Prerequisite: ENG 211. The study of a few representative novels by American writers from pre-revolutionary times to the contemporary period.	
ENG 341: The English Novel	3
Prerequisite: ENG 211. The study of a few representative novels by English writers from the time of Defoe to the contemporary period.	
ENG 352: Contemporary Literature	3
Prerequisite: ENG 211. A study of the prose and poetry of contemporary writers since 1900.	
ENG 390: Adolescent Literature	3
Designed to help students identify appropriate reading material for adolescents by interest and grade level. Students will also learn bibliographical skills.	
ENG 409: Literature of Black Americans	3
Prerequisite: ENG 211. A consideration of some of the principal essays,	

poems, plays, short stories, and novels written by black Americans from Phillis Wheatley's time to the present.	
ENG 410: Linguistics and History of the English Language	3
Prerequisites: ENG 211 and ENG 213. Introduction to the science of linguistics and the historical development of English grammar, phonology, morphology, and syntax as used in America.	
ENG 411: Shakespeare	3
Prerequisite: ENG 211. Analytical study of Shakespeare's principal plays, with some emphasis upon the Elizabethan background.	
ENG 413: Literary Criticism	3
Prerequisite: ENG 211. Critical positions and techniques of selected major critics; experience in application of principles and techniques of criticism to texts representing major literary genres.	
ENG 414: Drama in Stratford and London	6
Prerequisite: ENG 312 or consent of division chairperson. An intensive, four-week course taken in England. Includes lectures by British critics and emphasizes the literary and theatrical aspects of drama.	
ENG 419: Techniques of Teaching Composition	3
Prerequisite(s): ENG 102; ENG 213 and ENG 410 suggested in addition if student is an undergraduate. Open to teachers working in their fifth-year program. Covers the methods of teaching junior and senior high school students to write, with emphasis on grammar, the paragraph, the essay, the business letter, and the research paper.	
ENG 433: Reading and Writing Clinic Practicum	3
Prerequisite: ENG 211. Required of all students obtaining certification in English Education. Designed to help students identify and correct problems in reading and writing through clinical experience in the Reading and Writing Clinics. To be taken prior to student teaching.	
FOOD SERVICE MANAGEMENT	
FNU 101: Introduction to Foods	3
A study of source, selection, preparation and preservation of food materials; individual problems illustrating principles of cookery and their application.	
FNU 104: Basic Nutrition	3
Principles of nutrition related to health; the function of nutrients and their relationship to the physiological, social, psychological, and economic condition of humankind. Designed for students in Dietetics, Nursing, and biological health sciences.	
FNU 105: Introduction to Food Service Industry	2
A study of the history and organization of the food service industry from its beginning to the present.	
FNU 202: Meal Planning and Table Service	3
Planning, preparing, and serving of meals, including management of time, energy, money and the efficient use of equipment. Nutritional needs, food habits, and social customs of family groups are studied. (Two hours lecture, two hours laboratory)	
FNU 203: Nutrition and Health for the Growing Years	2
Nutrition and health as affected by growth and development during pregnancy, infancy and childhood. A study of nutrition education, formation of eating habits, and childhood health problems.	
FNU 215: Quantity Food Production	3
Prerequisites: FNU 101 and FNU 202. Basic principles, methods, standards, and practices in determining the quantity of food production. Adjustment and development of standard recipes for maintaining quality control. Fifty hours laboratory experience required.	
FNU 241: Food Service Organization and Management	3
Prerequisite(s): FNU 105 and FNU 215, or approval of instructor. The	

study of organization, planning, control and supervision in the food service industry.	
FNU 251: Institutional Management Practicum I	3
Prerequisite: FNU 215 or consent of instructor. Work experience in an approved food service operation. Clock hours required: 135.	
FNU 252: Institutional Management Practicum II	3
Prerequisite: FNU 251 or consent of instructor. Work experience in an approved food service operation. Clock hours required: 135.	
FNU 311: Quantity Food Production	4
Prerequisites: FNU 101 and FNU 202. Basic principles, methods, standards, and practices of determining the quantity of food production. Methods of developing and adjusting standard recipes to maintain quality control are included. Fifty hours of laboratory experiences are required. (Not offered after fall, 1987)	
FNU 401: Experimental Foods	4
Prerequisites: FNU 202 and CHE 200. A study of the chemical and physical changes that occur in food during storage and preparation. (Not offered after fall, 1988)	
FNU 421: Advanced Nutrition	3
Prerequisites: CHE 202, CHE 315, and BIO 108. A study of human requirements for dietary essentials as modified by age, sex, occupation, and other factors. Includes construction of practical diets to meet requirements. (Not offered after fall, 1988)	
FNU 422: Clinical Nutrition	3
Prerequisite: FNU 421. A study of nutrition as it relates to disease. An analysis of the physiological basis for the use of therapeutic diets in certain diseases. (Not offered after fall, 1989)	
FNU 424: Food Service Organization and Management	3
Prerequisite: MGT 323. A study of the organization, planning, control and supervision in the food service industry. (Not offered after spring, 1989)	
FRENCH	
FRE 101: Elementary French I	3
An introductory course designed to teach the basic concepts of French pronunciation and sentence structure and the basic vocabulary for understanding, speaking, writing, and reading French on the elementary level. (One hour of laboratory per week)	
FRE 102: Elementary French II	3
Prerequisite: FRE 101 or acceptable score on the French Placement Examination. Continuation of French 101, increasing the skills of listening, speaking, and structural control. More emphasis is placed upon reading activities. Study of more advanced aspects of grammar and reading of graded texts on contemporary life. (One hour of laboratory per week)	
FRE 201: Intermediate French I	3
Prerequisite: FRE 102 or acceptable score on French Placement Examination. Review of fundamentals of FRE 101-102 with more extensive treatment of sentence structure to integrate comprehension, reading, and writing skills. (Laboratory practice required)	
FRE 202: Intermediate French II	3
Prerequisite: FRE 201. Continuation of FRE 201, stressing conversation, reading, and writing. (One hour of laboratory per week)	
FRE 203: French for Communication I	3
Prerequisite(s): FRE 201 and FRE 202. A second-level, intermediate course that seeks to develop general skills in oral and written communication beyond the usual review of grammar and reading of intermediate courses. (Laboratory practice required)	

FRE 204: French for Communication II	3
Prerequisite: FRE 203. A continuation, intermediate course that provides additional practice and written work by introducing new practical activities requiring the use of idiomatic French. (Laboratory practice required)	
FRE 301: Survey of French Literature I	3
Prerequisite: FRE 202. A survey of French literary creation from the earliest documents to 1700 with special emphasis on the classic drama of Corneille, Racine, and Moliere.	
FRE 302: Survey of French Literature II	3
Prerequisite: FRE 301. Continuation of FRE 301. A study of French literature in the 18th, 19th, and 20th centuries with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Flaubert, and some 20th century writers.	
FRE 311: French Composition	3
Prerequisite: FRE 202. Frequent practice in the written expression of ideas on topics of contemporary life, with analysis of style, sentence construction, and coherence, and study of idiomatic expressions and special problems of French grammar.	
FRE 312: French Conversation	3
Prerequisite: FRE 202. Practice in the oral use of French through conversations on topics of interest.	
FRE 313: French for the Professions	3
Prerequisite: FRE 204. An advanced, more intensive and specialized course that stresses the acquisition of specific practical skills in oral and written communication in the most common professions: health, business, education, law, criminal justice, social work, diplomacy, government, etc. (Laboratory practice required)	
FRE 322: French Civilization	3
Prerequisite: FRE 202. The study of modern French civilization since 1700 with special emphasis on the life, culture, ideas and institutions of the 20th century.	
FRE 411: Twentieth Century French Novel	3
Prerequisite: FRE 302. Study, analysis, and evaluation of ideas, structure, and style in representative novels of Proust, Gide, Malraux, Saint-Exupery, Camus, Sartre, Celine, Robbe-Grillet, Le Clezio, and others, with special consideration of the theme of commitment in the novel.	
GEOGRAPHY	
GEO 102: Principles of Geography	3
Study of the basic principles underlying the science of geography and the human use of resources; the earth's form and movement, climate, topography, oceans and other waters, solids, vegetables and minerals.	
GEO 211: Regional Geography of North America	3
Prerequisite: GEO 102. A regional study of North America with an added unit on Hawaii. Emphases are placed upon the natural resources and economic activities of inhabitants.	
GEO 212: Geography of Africa: Sub-Sahara Regions	3
Prerequisite: GEO 102. Survey of the African continent, its historical and physical backgrounds, climates, soils, vegetation, people, cultures and current developments.	
GEO 214: Geography of Kentucky	3
Prerequisite: GEO 102. Focuses on the geography of Kentucky and its relationship to surrounding geographic regions and conditions.	
GERMAN	
GER 101: Elementary German I	3
An introductory course on the fundamentals of German grammar and	

pronunciation with increasing emphasis on conversation. (One hour of laboratory per week)

GER 102: Elementary German II 3
Prerequisite: GER 101 or acceptable score on the German Placement Examination. Continuation of GER 101. Study of more advanced aspects of grammar and conversation based on graded readings. (One hour of laboratory per week)

GER 201: Intermediate German I 3
Prerequisite: GER 102 or acceptable score on the German Placement Examination. A second-year college German course that includes more extensive study of grammar, review of fundamental tenses and verbal construction, literary readings, conversation and composition. (One hour of laboratory per week)

GER 202: Intermediate German II 3
Prerequisite: GER 201. Continuation of GER 201. Some review of special grammatical points, more extensive readings, interpretation and discussion in German, and increasing practice in composition and translation. (One hour of laboratory per week)

GERONTOLOGY

GNT 101: Introduction to Gerontology 3
Study of aspects of the aging process: retirement, living arrangements, social relationships, government programs, community resources, rejection by families, and death.

GNT 102: Problems in Aging 3
An analysis of the nature, extent, causes, and problems of aging. Emphasis on economic, political, and personality factors found in the living patterns of the aged.

GNT 201: Applied Social Gerontology 3
Designed for individuals who plan to work with the elderly through the planning, development, and implementation of programs and policies.

GNT 301: Aging Issues, Policies, and Programs 3
Prerequisite: GNT 101 or GNT 102. Designed to provide knowledge of aging as a social condition. Focuses on aging concepts, policies and organizations. Attention given to programming in relation to social needs, problems and goals.

GNT 400: Death and Dying 3
An examination of the final stages of life, including the anxieties, fears, and hopes of the dying, and the social, psychological and economic implications of death.

GNT 401: Aging and Health 3
Designed to dispel some of the traditional diagnostic and treatment myths. Discussion centers upon normal healthy aging versus mental illness in old age and endogenous versus exogenous influences.

GNT 402: The Black Aged 3
An analysis of the attitudes, values, and trends in the black culture related to aging.

GENERAL HOME ECONOMICS

HEC 100: Introduction to Home Economics 3
A study of the history, development, and scope of home economics as a profession and its importance as a land-grant function. Career opportunities in home economics are explored.

HEC 304: Home Furnishings and Design 3
Planning and decorating the house consistent with one's taste and economic means. Trends in home furnishings, design and arrangements are covered.

HEC 308: Family Consumer Problems 3
An analysis of problems, policies, and issues relevant to today's consumer.

HEC 395: Directed Study 1-3
Course content and instructional approach are tailored to the individual student and activities are carried out under the guidance of the faculty advisor.

HEC 450: Seminar in Home Economics Education 1
Trends and interpretation of the role and function of the semi-professional in home economics.

HEALTH EDUCATION

HED 107: First Aid and Safety 2
Designed to prepare students to provide immediate and temporary care in emergency situations, including accidents or sudden illnesses. Satisfactory completion of the course will entitle students to an American Red Cross certificate. Open to all students; does not satisfy Liberal Studies Requirements. (One lecture, one lab per week)

HED 221: Personal Health and Lifetime Fitness 2
An introduction to the beneficial effects of a positive health lifestyle and methods to implement and live such a lifestyle.

HED 223: Principles of Health Education 3
Prerequisite: HED 221. Study of the foundations and principles of health, including physical, mental, social, emotional, and environmental.

HED 305: Safety Education 3
This course focuses on the rules and functions of health education in developing and maintaining a safe and healthful environment.

HED 320: Health Education in Schools 3
Prerequisites: HED 223 and EDU 221. A study of the fundamentals of the school health program, pupil needs, planning, and instruction techniques and materials for the elementary and secondary programs.

HED 321: Community Health 3
Prerequisites: HED 223 and PSY 200. An analysis of current health problems from both school and community viewpoints.

HED 326: Survey of Diseases 3
Prerequisite: HED 221. Current concepts of disease etiology and control as applied to the most prevalent communicable and chronic diseases that affect mankind.

HISTORY

HIS 101: World Civilization I 3
The study of literature, art, music, architecture, other fine arts, religion, and customs of various peoples and nations throughout history.

HIS 102: World Civilization II 3
The study of literature, art, music, architecture, other fine arts, religion, and customs of various peoples and nations throughout history.

HIS 103: Western Civilization 3
A survey of social and intellectual development in the Western World from pre-history to the Reformation.

HIS 201: United States History to 1865 3
The political, economic, and social development of the United States from the Colonial period to 1865.

HIS 202: United States History since 1865 3
The political, economic, and social development of the United States from 1865 to the present.

HIS 300: Problem Seminar 3
Prerequisites: HIS 101, HIS 102, HIS 201, and HIS 202. Problems encountered by professional historians in the utilization of primary historical sources.

HIS 314: Blacks in the United States 3
Prerequisite(s): HIS 201 and HIS 202; or consent of instructor. The history of blacks in the United States, their role in the development of this country, and their struggle for rights, privileges, and protections of citizenship.

HIS 321: Constitutional History of the United States 3
Prerequisites: HIS 201 and HIS 202. An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court.

HIS 331: Early Modern Europe 3
A survey of the political, intellectual, economic and social development of Europe during 1450-1815.

HIS 332: Nineteenth Century Europe 3
Prerequisites: HIS 101 and HIS 102. Europe from the downfall of Napoleon (1815) to the outbreak of World War I (1914).

HIS 341: British History I 3
Prerequisites: HIS 101 and HIS 102. A survey of English history from pre-Roman times to the close of the Glorious Revolution (1689) with emphasis upon constitutional and legal developments.

HIS 342: British History II 3
Prerequisites: HIS 101 and HIS 102. A continuation of HIS 341, focusing on the growth of British democracy and the role of Britain in the rise and expansion of world imperialism during the eighteenth, nineteenth, and twentieth centuries.

HIS 350: Kentucky History 3
Prerequisites: HIS 201 and HIS 202. A social, economic and political history of Kentucky. In addition, the course will examine Kentucky's contributions to national politics.

HIS 361: Greece and Rome 3
Prerequisites: HIS 101 and HIS 102. A survey of the ancient civilizations of Greece and Rome with emphasis on their significant political and cultural achievements.

HIS 362: Hispanic American History 3
Prerequisites: HIS 101, HIS 102, HIS 201, and HIS 202. A survey of selected Central and South American countries in their modern eras, looking at the trends that are representative of those problems that beset the region.

HIS 372: Medieval Culture 3
Prerequisites: HIS 101 and HIS 102. A survey of European history from 500 to 1500 with strong emphasis on cultural achievements of the period.

HIS 375: African History to 1870 3
Prerequisites: HIS 101 and HIS 102. A survey tracing the earliest beginnings of man in Africa and the development of sub- and trans-Saharan civilizations.

HIS 376: African History from 1870 3
Prerequisites: HIS 101 and HIS 102. The creation and development of European colonial empires in Africa and the subsequent rise of independent African states.

HIS 411: Blacks in the Twentieth Century 3
Prerequisites: HIS 201 and HIS 202. Thorough study of black contributions to American culture and the black struggle for full citizenship in the United States.

HIS 421: Southern History 3
Prerequisites: HIS 201 and HIS 202. The economic, social, political, and cultural life of the southern states from colonial times to the present.

HIS 422: Recent United States History 3
Prerequisites: HIS 201 and HIS 202. Through readings, discussions, reports, and papers, this course offers a careful study of problems associated with such topics as the Great Depression, the New Deal, war and threats to peace, significant social change, major political developments, and achievements in outer space.

HIS 424: Diplomatic History of the United States 3
Prerequisites: HIS 201 and HIS 202. A survey of America's diplomatic relations with the major world powers since the founding of the Republic.

HIS 433: Twentieth Century Europe 3
Prerequisites: HIS 101 and HIS 102. The history of Europe from 1914 to the present. Particular attention is given to the impact of World War I upon European society.

HIS 461: The History of East Asia 3
Prerequisites: HIS 101 and HIS 102. A cultural and political survey of the history of China and Japan, with emphasis on their changing relationships with the rest of the world.

INDUSTRIAL TECHNOLOGY

IET 101: Engineering Drafting I 3
Fundamentals of engineering drawing. The use and care of instruments, lettering, line construction, basic rules of dimensioning, orthographic projection, auxiliary view, sectional and pictorial drawing. (Lecture one hour, laboratory four hours)

IET 102: Engineering Drafting II 3
An intermediate course introducing concepts of working drawings. Includes advanced sections, auxiliaries, threads and fasteners, tolerancing and geometric dimensioning. Specialized equipment is used in duplication methods and blueprint reading. (Lecture one hour, laboratory four hours)

IET 104: Descriptive Geometry 3
Specific problems involving points, lines, planes, curved lines, curved surfaces and intersections, and development problems. Emphasis is directed toward auxiliary views, points and lines, revolutions, and development of surfaces. (Lecture two hours, laboratory two hours)

IET 113: Industrial Technology Orientation 3
Survey of industrial organization and technology, emphasizing the American economic process. Includes discussion of the functions and interrelationships of research and development, production planning, production control, and materials and quality control.

IET 117: Basic Wood Technology 3
Introduction to wood technology, covering kinds, sources, basic characteristics, and uses of wood and forest products; also includes wood finishes, related materials, hardware, wood industries, and wood processing. (Lecture two hours, laboratory two hours)

IET 118: Machine Woodwork 3
Study of machine wood processing. Students design, plan and construct a wood product. Study also includes basic care/maintenance of wood-working machinery. (Lecture one hour, laboratory four hours)

IET 124: Basic Electricity (AC and DC) 3
Principles and measurement of direct current, voltage and resistance; meter design and alternating current, capacitance, inductance, and impedance; and mathematical analysis of basic electricity covering

theorems of Kirchoff, Thevenin, and Norton. (Lecture one hour, laboratory four hours)

IET 126: Motors and Controls/Programmable Controllers 3
A study of the basic controls used today for most alternating current motors. Ladder diagrams are studied and practical circuits are drawn and wired for specific results. Involves use of programmable controllers and of TI 510 controller. (Lecture one hour, laboratory four hours)

IET 128: Solid State Devices 3
Study of the characteristics and application of solid-state devices. Diodes and transistors are used to study rectifier circuits, voltage regulation, and wave-form interpretations. Single and multistate small signal amplifiers are tested. (Lecture one hour, laboratory four hours)

IET 141: Introduction to Metal Processes 3
Basic study of materials and processes involved in the manufacture of products. This course includes study of metal characteristics, design, and fabrication. Open to all students. (Lecture two hours, laboratory two hours)

IET 142: Machine Tool Processing 3
Basic study in machine shop practice, including use of precision instruments. Course provides basic experiences on the lathe, shaper, drill press, grinder, and milling machine. (Lecture one hour, laboratory four hours)

IET 201: Architectural Drafting 3
Architectural problems involved in the development of plans for a structure: foundation plan, floor plan, elevations, sectional views, detailed views, plot, estimating and specifications, and developments in architecture. (Lecture one hour, laboratory four hours)

IET 202: Technical Illustration 3
Explores ways of converting orthographic projections into perspective and pictorial expressions. Emphasis in oblique, isometric, dimetric, trimetric, exploded view, and the rendering of projections for publications. (Lecture two hours, laboratory two hours)

IET 203: Civil Drafting 3
Study of special drafting processes including map drawing from field and map notes, and reading maps. Emphasis in planning earth and concrete retaining structures, projecting locations, profile line and grade, changing scales of maps, and surveying instruments. Also included are use of special drafting instruments and commercial drafting room practices. (Lecture one hour, laboratory four hours)

IET 208: Computer-Aided Drafting 3
Familiarization with the range of contemporary CAD systems, covering basic theory of and applications with automated drafting equipment. Theory and application of industry's conversion from on-the-board drafting to CAD. Prior computer experience not required, but beneficial. (Lecture one hour, laboratory four hours)

IET 209: Industrial Technical Communications 3
Study of contemporary industrial technical communication, stressing comparative industrial communication in technical engineering design. Emphasis on research and data gathering, analysis, problem solving techniques, industrial political structures, communication media, and proposal preparation and presentation. (Lecture two hours, laboratory two hours)

IET 212: Industrial Materials and Processes 3
Lecture-laboratory course designed to explore a variety of industrial materials, such as ceramics, plastics, metals, wood and wood products, clay, glass and concrete. Includes processes used to convert basic materials to industrial products. Open to all students. (Lecture two hours, laboratory two hours)

IET 213: Manufacturing 3
Exploration of manufacturing industries, their organization, occupations, research, management, product design and refinement, production techniques, and societal import by utilizing concepts of materials and production technology. (Lecture two hours, laboratory two hours)

IET 225: Regulators, Oscillators, Linear Devices 3
Study, through theory and application, of regulators, oscillators, thyristors, DA's, Op Amps, and linear devices. (Lecture one hour, laboratory four hours)

IET 227: Electronics Logic/Microprocessors 3
A study of numbers, logic and circuits using integrated circuit chips; the implementation of logic functions in modern electronic devices; and utilization of integrated circuit chips in the small computer, using basic machine language. (Lecture one hour, laboratory four hours)

IET 228: Pulse Circuits and Servos 3
Study, through theory and application, of pulse signals, clippers, clamping, differentiating and integrating pulse generations, timing circuits, and feedback circuits. (Lecture one hour, laboratory four hours)

IET 243: Motion and Time Study 3
Study of principles involved in methods design and work measurement. Laboratory experiences include stop watch and micromotion studies of industrial operations and methods redesign utilizing human engineering principles. (Lecture two hours, laboratory two hours)

IET 244: Materials Science and Testing 3
Properties of engineering materials, basic structure of materials (mechanical, physical, chemical), control of properties during production and fabrication. Study of stress and elastic properties of various materials. (Lecture two hours, laboratory two hours)

IET 246: Numerical Control Fundamentals 3
Prerequisite(s): IET 142 and COS 101, or consent of instructor. Principles and techniques of controlling machine tools by means of numerical codes. Included is a study of E.I.A. and standards for numerical control. (Lecture two hours, laboratory two hours)

IET 248: Robotics 3
Survey of automated manufacturing with emphasis on the involvement of robots, including history, development, and socio-economic implications. Introduction to robot operations and applications. (Lecture two hours, laboratory two hours)

IET 249: Quality Control 3
Principles and methods of controlling the quality of manufactured goods. Emphasis on fundamentals and techniques in the use of measurement devices and variables involved with processes that affect the quality of the final product. (Lecture two hours, laboratory two hours)

IET 253: Hydraulics/Pneumatics 3
Study of basic fluid power with emphasis on principles of oil hydraulics and pneumatics power as applied to modern industrial equipment. (Lecture two hours, laboratory two hours)

IET 262: Industrial Safety 3
Safety principles and practices applied to industry and public sectors. Includes discussion of optimum safety practices applied to industrial and educational machinery; examination of Department of Labor's application of OSHA Standards of Health and Safety.

IET 263: Plant Layout 3
Prerequisite: IET 142 or consent of chairperson. Methods and techniques of planning the most effective arrangement of physical facilities for the manufacture of products. Problems will deal with equipment location, space utilization, layout for operations and control, work flow, and material handling.

IET 264 Analysis and Organization for Industrial Training 3
Addresses the education/training function of industry through exploratory activities that treat concepts, analysis, and organization of instructional plans and materials.

INTEGRATIVE STUDIES

IGS 200: The Foundations of Western Culture 3
Prerequisite: ENG 101. An interdisciplinary study of the various modes of thought that have linked together the major developments of Western culture. Deals especially with Greco-Roman culture from Homer to the Hellenistic era.

IGS 201: The Convergence and Reshaping of Cultures 3
Prerequisite: IGS 200 or consent of the coordinator. An interdisciplinary study of the forces that shaped the development of cultures from the rise of Christianity to the Age of the Enlightenment.

IGS 300: The Search for New Forms of Culture 3
Prerequisite: IGS 201 or consent of the coordinator. An interdisciplinary study of the most influential movements and attitudes of contemporary society.

IGS 301: Studies in African Cultures 3
Prerequisite: IGS 200 or consent of the coordinator. A multi-cultural study of the major forces that shaped various African cultures in their social, artistic, historical, political, philosophical, and religious expressions.

IGS 302: Studies in Oriental Cultures 3
Prerequisite: IGS 200 or consent of the coordinator. A multi-cultural study of the major forces that shaped various Oriental cultures in their social, artistic, historical, political, philosophical, and religious expressions.

IGS 303: Studies in Latin American Cultures 3
Prerequisite: IGS 200 or consent of the coordinator. A multi-cultural study of the major forces which shaped various Latin American cultures in their social, artistic, historical, political, philosophical, and religious expressions.

IGS 304: The Afro-American Experience 3
Prerequisite: IGS 200 or consent of the coordinator. A study of the evolution of the Afro-American experience from the period of slavery to the present, especially as reflected in the writings of Afro-American intellectuals.

MATHEMATICS

MAT 100: Fundamentals of Mathematics 3
Required of all freshmen whose scores on the mathematics placement exam do not warrant enrollment in MAT 110 or MAT 120. Whole numbers, signed numbers, rational numbers, decimals, percentages, linear equations, squares and square roots, formulas, geometric formulas, ratios and proportions, unit conversions, and applications are covered. (Does not count toward any degree requirements.)

MAT 103: Foundations of Mathematics I 3
Prerequisite: Two units of high school mathematics. Includes sets, whole number systems, numeration systems, bases, non-negative rational numbers, introduction to negative rational numbers. Special attention to the needs of elementary school teachers.

MAT 104: Foundations of Mathematics II 3
Prerequisite: MAT 103. Continuation of MAT 103. Elementary number theory, modular arithmetic, real systems, and topics from geometry.

MAT 110: Intermediate Algebra 3
Prerequisite: MAT 100 or acceptable score on the Mathematics Place-

ment Examination. Sets, real numbers, graphs of equations, solutions of simultaneous equations, exponential notation, scientific notation, polynomials, rational expressions, quadratic equations, inequalities, absolute values, and radical expressions.

MAT 120: Precalculus 4
Prerequisite: MAT 110 or advanced standing on the Mathematics Placement Examination. Set theory, functions, polynomial and rational functions, circular and trigonometric functions, exponential and logarithmic functions, and complex numbers.

MAT 125: Linear Algebra and Differential Calculus with Business Applications 3
Prerequisite: MAT 110. This course covers functions of matrices, Gauss-Jordan reductions, systems of linear equations, derivatives, marginal cost, revenue and profit, and applied optimization problems.

MAT 201: Calculus and Analytic Geometry I 5
Prerequisite: MAT 120. Review of functions, limits of functions, derivatives and definite integrals of algebraic, exponential, and logarithmic functions, applications of the derivative and integral, and conic sections.

MAT 202: Calculus and Analytic Geometry II 5
Prerequisite: MAT 201. Continuation of MAT 201. Differentiation and integration of trigonometric and hyperbolic functions, techniques of integration, indeterminate forms, improper integrals, Taylor's formula, infinite series, plane curves, polar coordinates, vectors, and analytic geometry in three dimensions.

MAT 206: Modern Geometry 3
Prerequisite: Consent of instructor. This course includes study of axiom systems, Euclidean and projective geometries.

MAT 301: Multivariate Calculus 3
Prerequisite: MAT 202. Calculus of vector-valued functions, partial differentiation, multiple integrals, curl, surface integrals and Stokes' theorem are studied.

MAT 303: Differential Equations 3
Prerequisite: MAT 202. The study of first-order equations, linear equations, the Laplace transform, Picard's existence theorems, and systems of equations.

MAT 307: Linear Algebra 3
Prerequisite: MAT 201. Coordinates, vectors, vector spaces, subspaces, Euclidean n-space, determinants, linear transformations, linear transformations and matrices, bilinear and quadratic forms are studied.

MAT 314: Teacher's Arithmetic 3
Prerequisite: MAT 104. A review of the essentials of arithmetic, the development of skills and accuracy, and methods of teaching fundamentals of arithmetic to pupils in the elementary school.

MAT 315: Numerical Analysis 3
Prerequisite: MAT 301. Techniques of numerical approximation in analysis and algebra.

MAT 321: Probability and Statistics 3
Prerequisite: MAT 202. Probability, random variables, sampling theory, hypothesis testing, correlation, and regression are studied.

MAT 401: Modern Algebra I 3
Prerequisite: Consent of instructor. Operations, permutations, groups, isomorphisms, factor groups, Sylow's theorems, and applications are discussed.

MAT 402: Modern Algebra II 3
Prerequisite: MAT 401. Continuation of MAT 401. Rings, integral

domains, quotient rings and ideals, extension fields, and vector spaces are studied.

MAT 403: Real Analysis I 3
Prerequisite: MAT 301. Real numbers and Euclidean n-space, continuous functions, differentiable functions of one and several variables, and the Riemann integral are studied.

MAT 404: Real Analysis II 3
Prerequisite: MAT 403. Classical Lebesgue Integral, power series, curves, surfaces, integral theorem, divergence, and theorems of Green and Stokes are discussed. Some applications are examined.

MAT 411: Topology 3
Prerequisite: Permission of instructor. A first course in point-set topology.

MAT 460: Mathematics Seminar 3
Prerequisite: Permission of instructor. Selected topics for individuals or small groups of students.

MANAGEMENT

Note: 300-level courses require junior standing or consent of dean; 400-level courses require senior standing or consent of dean.

MGT 323: Principles of Management 3
Prerequisites: ECO 212 and ACC 262. Provides a working knowledge of fundamental principles underlying the management of business enterprises. The student is given a comprehensive view of modern practices of planning, organizing, supervising, and controlling various functional activities.

MGT 433: Personnel Administration 3
Prerequisite: MGT 323. An examination of supervision of employees and the development of policies relating to effective utilization of human resources in business concerns.

MGT 452: Transportation and Business Logistics 3
Prerequisite: MGT 323. A study of the economics of transportation service, location and population of industry, factors and principles of transportation, communication and order processing designs, and operations of an efficient logistics system.

MGT 455: Production Management 3
Prerequisites: ECO 312, ECO 321 and MGT 323. A study of management decision making in the production and operations area. An analysis of case studies, materials and problems, and the application of mathematics and statistics to problems of demand forecasting, resource allocation, scheduling, and inventory control.

MGT 460: Human Behavior in Organizations 3
Prerequisite: MGT 323. An analysis of organizational theory concerning the behavior of persons in organized settings. A study of personality, values, motivation, leadership, authority in groups, and the structure and process of informal groups.

MGT 465: Principles of Small Business Management 3
Prerequisite: MGT 323 or consent of instructor. A study of small-business management and the concepts of entrepreneurship. The problems of organizing and operating a small business are examined.

MGT 470: International Business Management 3
Prerequisites: ECO 329, MGT 323 and MKT 351. A study of management of international trade organizations, marketing information, relations of foreign governments, obtaining international orders, international physical distribution management, and other environmental management problems in the international business area.

MGT 490: Business Policies 3
Prerequisite(s): Capstone course — 51 credit hours of basic business common-body-of-knowledge courses or consent of instructor. Provides experience through the implementation of general management tasks of strategy formulation and organizational implementation in a case-study or simulated business setting.

MGT 499: Independent Study in Management 3
Prerequisite: Senior standing. Research and in-depth study of a particular management concept or problem under the guidance of a faculty member.

MARKETING

Note: 300-level courses require junior standing or consent of dean; 400-level courses require senior standing or consent of dean.

MKT 351: Principles of Marketing 3
Prerequisite: ECO 212. Study of the movement of goods from producers to consumers and examination of the functions of the marketing process, marketing institutions, channels of distribution, legal factors, and policy considerations.

MKT 410: Marketing Communications 3
Prerequisites: MGT 323 and MKT 351. Study of marketing communications concepts, identification of marketing communications goals, analysis of advertising, personal selling, and sales promotions as communications techniques.

MKT 420: Marketing Management 3
Prerequisites: MGT 323 and MKT 351. A study of the viewpoints of the marketing executive whose responsibility is coordination of the objectives and resources of the firm with opportunities existing in marketing, as well as those strategies and tactics that relate to the basic administrative process.

MKT 430: Marketing Research 3
Prerequisites: ECO 312, MGT 323 and MKT 351. A study of the scope and applications of marketing research, research design, sampling methods and problems, data collection, and research report writing.

MKT 440: Consumer Behavior 3
Prerequisite: MKT 351. A study of the economic, psychological, and cultural factors determining the behavior patterns of consumers. Information in economics, psychology, social psychology, and cultural anthropology are analyzed as a determinant of behavior in the marketing process.

MKT 453: Principles of Retailing 3
Prerequisite: MKT 351. Acquaints the student with the fundamentals of buying, sales promotions, pricing, control and store finance of various retail enterprises, and how store enterprises operate to serve both the consumer and producer of commodities.

MKT 455: Sales Management 3
Prerequisites: MGT 323 and MKT 351. An examination of the general and specific knowledge and background of sales management areas. Special emphasis is given to the decisions involved in managing the sales force and on the evaluation of selling performances.

MKT 495: International Marketing 3
Prerequisites: MGT 323 and MKT 351. Explores international marketing strategies and concepts and covers cultural, economic, political, and other environments in the international system.

MKT 499: Independent Study in Marketing 3
Prerequisite: Senior standing. Research and in-depth study of a particular marketing concept or problem under the guidance of a faculty member.

MILITARY SCIENCE

MLS 101: U.S. Military History I 2
The role of the military in the development of the nation. An overview of military operations and policy decisions that have shaped the military establishment.

MLS 102: U.S. Military History II 2
Advanced study of the role of the military in the development of the nation.

MLS 201: Civil Military Relations 2
The Army as an institution, including the role of the Army and its relationships with other institutions within our democracy, and the role of the Army officer.

MLS 202: Small Unit Tactics 2
Fundamentals of reading a military map and using map-reading skills to develop appreciation for small-unit tactical operations.

MLS 203: Basic Camp Practicum 3
Prerequisites: A student must be physically fit and have two years of college remaining. A course of six weeks' duration conducted during the summer at Fort Knox, Kentucky, is offered as a substitute for the Basic Course (i.e., MLS 101, MLS 102, MLS 201 and MLS 202).

MLS 301: Leadership and Management I 3
Prerequisite(s): Basic Course (MLS 101, MLS 102, MLS 201 and MLS 202) or MLS 203 or consent of the professor of Military Science (PMS). Development of basic leadership skills and techniques, training management and instruction, and map reading.

MLS 302: Advanced Tactics 3
Prerequisite(s): Basic Courses (MLS 101, MLS 102, MLS 201 and MLS 202) or MLS 203 or consent of the PMS. Development of basic tactical skills required to function in the capacity of a commissioned officer within the military structure. Focuses on tactics and the mechanics of leadership on a small unit level.

MLS 303: Advanced Camp Practicum 3
Prerequisites: MLS 301 and MLS 302. A six-week summer course offering practical exercises to foster growth and maturity and to develop effective performance techniques of tactical, technical, and administrative duties as small unit leader.

MLS 341: Leadership and Management II 3
Prerequisite: MLS 303. Directs student attention toward career development in the U.S. Army as a prospective junior officer; presents management guidance on command and staff relationships and responsibilities; and acquaints students with the development, coordination and writing of military operations, etc.

MLS 342: Command Management 3
Prerequisite: MLS 303. Focuses upon career development in the U.S. Army as a prospective officer; includes tactical operational order and explores current problems in leadership in the Army.

MUSIC EDUCATION

MUE 331: Fundamentals and Methods for the Elementary School Music Teacher 2
Prerequisite: MUS 211. For Music Education majors or with consent of instructor. A study of school organization and administration, methods, materials, and philosophies of teaching music in grades K-5. Includes emphasis on mainstreaming the exceptional child. (Lab required)

MUE 332: Fundamentals and Methods for the Secondary School Music Teacher 2
Prerequisite: MUE 331. For Music Education majors or with consent of instructor. A study of school organization and administration (grades

6-12) and the methods, materials, and techniques of teaching music in the secondary school. Emphasis placed on learning principles, instructional strategies and methodologies, and unit, lesson, and test plan construction/evaluation. (Lab required)

MUE 333: Fundamentals of Music for Early Elementary Teachers 3
For non-Music majors. A course designed to meet the needs of early elementary teachers (K-4) with special emphasis on singing, listening, creative activities, use of Orff instruments, and basic keyboard skills.

MUE 341: String Pedagogy 1
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching string instruments on the elementary and secondary levels. Includes a study of the violin, viola, cello, bass, and guitar.

MUE 342: Voice Pedagogy 1
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching voice on the elementary and secondary levels. Includes a study of phonetics, diction, breath control, interpretation, and repertory.

MUE 343: Woodwind Pedagogy I 1
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching woodwind instruments on the elementary and secondary levels. Includes a study of the flute, clarinet, and saxophone.

MUE 344: Woodwind Pedagogy II 1
Prerequisite: MUE 343. A continuation of MUE 343. Includes study of the oboe, English horn, and bassoon.

MUE 345: Brass Pedagogy 1
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching brass instruments on the elementary and secondary school levels. Includes a study of the trumpet, French horn, trombone, euphonium, and tuba.

MUE 347: Percussion Pedagogy 1
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching percussion instruments on the elementary and secondary levels.

MUE 348: Band Pedagogy 1
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching woodwind, brass, and percussion instruments on the elementary and secondary levels. Designed primarily for the vocal option student. Includes a broad study of instrumental methods and performance.

MUE 349: Keyboard Pedagogy 1
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching piano in groups and to individual students of all ages.

MUE 350: Accompanying Pedagogy 1
Prerequisite: Standing as an instrumental option student specializing in piano or consent of instructor. A study of the fundamentals and techniques of piano accompaniment. Includes study of song, opera, sonata, and chamber music repertoire through assigned performances.

MUE 353: Choral Conducting 1
Prerequisite: MUS 262. A study of basic conducting techniques through performance, analysis, and evaluation of choral literature.

MUE 354: Instrumental Conducting 1
Prerequisite: MUS 262. A study of basic conducting techniques through performance, analysis, and evaluation of instrumental literature.

MUE 435: Vocal Methods and Literature 1
Prerequisite: MUE 332. For vocal Music Education majors. A study of the methods, materials, and techniques of teaching choral/vocal music at the elementary and secondary levels. Includes a study of the organization and administration of the school choral music program.

MUE 437: Instrumental Methods and Literature 1
Prerequisite: MUE 332. For Music Education majors taking the instrumental option. A study of the methods, materials, and techniques of teaching instrumental music at the elementary and secondary levels. Includes a study of the organization and administration of the school instrumental music program.

MUSIC

MUS 100: Fundamentals of Music 3
Open to non-Music majors. An introduction to the fundamentals of music: clefs, scales, meters, and rhythms. Includes sight singing, piano, ear training, and music terminology.

MUS 101: Music Theory to 1450 3
Prerequisite: Music Theory Placement Examination or MUS 100. Introduction to analysis and composition of music of the Middle Ages. Includes basic theoretical concepts, keyboard, ear training, sight-singing, and an introduction to basic contrapuntal techniques.

MUS 102: Music Theory 1450-1650 3
Prerequisite: MUS 101. Introduction to basic concepts of music during the Renaissance and Baroque periods, including cadences, non-chord tones, four-part harmonic writing, analysis, and contrapuntal techniques.

MUS 110: Class Piano I 1
Open to non-Music majors. A study of the fundamentals of piano playing designed to aid music students in preparing for the Sophomore Proficiency Examination in piano.

MUS 111: Class Piano II 1
Prerequisite: MUS 110. A continuation of MUS 110.

MUS 120: Minor Applied I 1
No audition required. Private or class instruction in primary or secondary performance areas designed to meet the functional needs of each student. One half-hour private lesson or one or two class periods each week. May be repeated once for credit.

MUS 130: Introduction to Music 3
For non-Music majors. An introduction to the basic elements of music using music literature from various periods, styles, and cultures. This course fulfills the fine arts elective of the Liberal Studies Requirements.

MUS 161: Major Applied I/Laboratory 2
Audition required. A study of materials and literature designed to prepare the student to meet the performance requirements in the principal area of study. Minimum of one hour-long lesson each week. Performance lab required.

MUS 162: Major Applied II/Laboratory 2
Prerequisite: MUS 161. A continuation of MUS 161. Performance lab required.

MUS 201: Music Theory 1650-1820 3
Prerequisite: MUS 102. Culmination of baroque and classical harmonic and contrapuntal techniques with emphasis on the music of Bach, Haydn, and Mozart. All of the disciplines of musicianship are included.

MUS 202: Music Theory 1820-1900 3
Prerequisite: MUS 201. Compositional techniques of the nineteenth century from Beethoven through Brahms with emphasis on the expanded chromatic harmony of the late nineteenth century. All of the disciplines of musicianship are included.

MUS 205: Music Composition I 2
Prerequisite: MUS 102 or consent of instructor. Individual or class instruction in the basic elements of composition, following closely the

logic of the music theory courses. Includes written assignments in various styles and mediums.

MUS 206: Music Composition II 2
Prerequisite: MUS 205. A continuation of MUS 205.

MUS 207: Jazz Arranging and Composition I 2
Prerequisite: MUS 102. Individual and class instruction in composition and arranging in both traditional and contemporary music idioms for jazz ensemble, school stage band, or dance band.

MUS 208: Jazz Arranging and Composition II 2
Prerequisite: MUS 207. A continuation of MUS 207.

MUS 209: Jazz Improvisation 2
Open to non-Music majors. Class instruction in the development of individual facility to spontaneously create and perform rhythmic and melodic lines on a given harmonic background. May be repeated three times for credit.

MUS 210: Class Piano III 1
Prerequisite: MUS 111. A continuation of MUS 111.

MUS 211: Class Piano IV 1
Prerequisite: MUS 210. A continuation of MUS 210.

MUS 220: Minor Applied II 1
Prerequisite: MUS 120. A continuation of MUS 120. May be repeated once for credit.

MUS 251: Introduction to Electronic Music 2
Prerequisite: Consent of instructor. Introduction to the acoustics of music, professional recording and editing techniques, and the use of acoustically recorded sounds in electronic music. Includes the application of the electronic synthesizer in composition.

MUS 261: Major Applied III/Laboratory 2
Prerequisite: MUS 162. A continuation of MUS 162 at the sophomore level with literature and performance of increasing standards. Performance lab required.

MUS 262: Major Applied IV/Laboratory 2
Prerequisite: MUS 261. A continuation of MUS 261. Performance lab required.

MUS 300: Counterpoint 2
Prerequisite: MUS 202. A study of sixteenth and eighteenth century strict and free counterpoint, canon, invention, and fugue. Students compose two-, three-, and four-part compositions. Includes some twentieth century techniques.

MUS 301: Form and Analysis 2
Prerequisite: MUS 202. A study of basic musical forms and genres (phrases, sonata form, rondo form, fugal and variation procedures) with emphasis on the common practice period.

MUS 303: Orchestration 2
Prerequisite: MUS 202. A study of orchestration and arranging techniques for chamber ensemble, band, and orchestra.

MUS 305: Advanced Composition I 2
Prerequisite: MUS 206. A continuation of MUS 206. Individual or class instruction based on the needs and interests of the students who will undertake one or more major compositional projects each semester.

MUS 306: Advanced Composition II 2
Prerequisite: MUS 305. A continuation of MUS 305.

MUS 311: Opera Workshop 1
Open to auditioned vocal students. A performing group concentrating on the study and performance of operatic literature from all periods. May be repeated for credit.

MUS 320: Minor Applied III 1
Prerequisite: MUS 220. A continuation of MUS 220. May be repeated once for credit.

MUS 321: Music History to 1685 3
Prerequisite: MUS 102. A survey of music and its development from its beginnings through the early Baroque period. Emphasis is placed on representative musical compositions in their cultural and social settings.

MUS 322: Music History 1685-1900 3
Prerequisite: MUS 102. A survey of music and its development, 1685-1900. Emphasis is placed on representative musical compositions in their cultural and social settings.

MUS 323: Afro-American Music 3
Open to non-Music majors. A study of Afro-American music, including spirituals, blues, jazz, symphonic literature, and miscellaneous songs.

MUS 324: Twentieth Century Music 2
Prerequisites: MUS 301 and MUS 322. A study of major composers, styles, techniques, and literature of twentieth-century music.

MUS 325: Jazz History and Literature 3
Open to non-Music majors. A survey of jazz, including its origins, major performers, and composers. All idioms and styles are studied, using selected readings and recordings.

MUS 326: Music Literature to 1685 3
Prerequisite: MUS 202. A chronological survey of the stylistic characteristics of representative musical works from the Middle Ages to the early Baroque period.

MUS 327: Music Literature 1685-1900 3
Prerequisite: MUS 326. A continuation of MUS 326. A chronological survey of the stylistic characteristics of representative musical works from the early Baroque to the late Romantic period.

MUS 328: Piano Literature 3
Prerequisite: MUS 327. An analytical and historical study of piano literature through analysis of representative works from the seventeenth century to the present.

MUS 329: Vocal Literature 3
Prerequisite: MUS 327. A survey of vocal solo literature from the sixteenth through the twentieth centuries with emphasis on the interpretation and performance of different styles.

MUS 330: Instrumental Literature 3
Prerequisite: MUS 327. Independent or class instruction on the analysis of representative works from each style period along with a discussion of performance problems.

MUS 336: Phonetics and Diction 1
Prerequisite: MUS 262. A study of English, German, Italian, and French diction in vocal music with the utilization of the International Phonetic Alphabet.

MUS 355: Jazz Ensemble 1
Open to auditioned instrumental and vocal students. A performing ensemble designed to allow students an opportunity to understand musical interpretation and technical devices employed in music of the jazz idiom. May be repeated for credit.

MUS 357: Vocal Commercial Music Ensemble 1
Open to auditioned vocal and instrumental students. An introduction to essential skills for the commercial vocal musician of today. Includes contemporary literature for solo and ensemble singing in various styles and idioms. May be repeated for credit.

MUS 358: Instrumental Commercial Music Ensemble 1
Open to auditioned instrumental and vocal students. An introduction to essential skills for the instrumental commercial musician of today. Designed for small group performance and includes a study of arranging, improvisation, and vocal accompaniment. May be repeated for credit.

MUS 361: Major Applied V/Laboratory 2-3
Prerequisite: MUS 262. A continuation of MUS 262 at the junior level with literature and performance of increasing standards. Performance lab required. Two credit hours for Music Education majors; 3 credit hours for Applied Music majors.

MUS 362: Major Applied VI/Laboratory 2-3
Prerequisite: MUS 361. A continuation of MUS 361. Performance lab required.

MUS 375: Gospel Ensemble 1
Open to all students. A performing ensemble concentrating on traditional and contemporary gospel literature. May be repeated for credit.

MUS 381: Marching Band 1
Open to all students through audition. A performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit.

MUS 382: Concert Band 1
Open to all students through audition. A performing ensemble designed primarily for the general student desiring continuation of instrumental music experience. May be repeated for credit.

MUS 383: Small Vocal Ensembles 1
Open to auditioned vocal students. A mixed ensemble organized for the performance of chamber and special literature (madrigals, motets, etc.). May be repeated for credit.

MUS 385: Wind Ensemble 1
Open to auditioned instrumental students. A select instrumental ensemble engaged in performance of challenging literature in the wind repertoire. May be repeated for credit.

MUS 386: Concert Choir 1
Open to auditioned vocal students. A mixed performing ensemble organized for the study of sacred and secular choral literature. May be repeated for credit.

MUS 387: Instrumental Chamber Music: Woodwinds 1
Open to auditioned woodwind students. A study through performance of representative chamber literature for woodwind ensemble. May be repeated for credit.

MUS 388: Instrumental Chamber Music: Brass 1
Open to auditioned brass students. A study through performance of representative chamber literature for brass ensemble. May be repeated for credit.

MUS 389: Instrumental Chamber Music: Percussion 1
Open to auditioned percussion students. A study through performance of representative chamber literature for percussion ensemble. May be repeated for credit.

MUS 399: Junior Recital 1
Prerequisite: MUS 361. For Performance majors only. Public recital requiring a minimum of 30 minutes of music.

MUS 403: Arranging 2
Prerequisite: MUS 202. Practical arranging for vocal or instrumental ensembles. Private or class instruction designed to meet the needs of each student. May be repeated three times for credit.

- MUS 420: Minor Applied IV** 1
Prerequisite: MUS 320. A continuation of MUS 320. May be repeated once for credit.
- MUS 461: Major Applied VII/Laboratory** 2-4
Prerequisite: MUS 362. A continuation of MUS 362 with literature and performance of increasing standards. Performance lab required. Two credit hours for Music Education majors; 4 credit hours for Applied Music majors.
- MUS 462: Major Applied VIII/Laboratory** 3
Prerequisite: MUS 461. For Applied Music majors only. A continuation of MUS 461 with literature and performance of increasing standards. Performance lab required.
- MUS 499: Senior Recital** 1-2
Prerequisite: MUS 461. For all music majors. Public recital requiring a minimum of 30 minutes of music for the Music Education major or a minimum of 45 minutes of music for the Applied Music major.

NURSING

- NUR 101: Nursing I** 8
Prerequisite: Acceptance as major in program. Focuses on basic human needs and development, interpersonal relationships, and beginning skills of patient care. Provides foundation for courses in major health disorders. Clinical laboratory experience is provided in various settings. (Four hours of lecture and eight hours of clinical laboratory per week)
- NUR 102: Nursing II** 8
Prerequisite: NUR 101. Further develops patient-care skills. Identification of nursing problems in relation to patients with major physical and mental health disorders. Application of scientific and nursing principles and techniques, therapeutic nurse-patient relationships, and behavioral concepts essential to the care of patients in the psychiatric and general hospital setting. (Four hours of lecture and eight hours of clinical laboratory per week)
- NUR 201: Nursing III** 10
Prerequisite: NUR 102. Preparation for giving family-centered nursing care and applying nursing principles and techniques in the care of mothers during the maternity cycle and the care of the child from conception through adolescence. (Five hours of lecture and ten hours of clinical laboratory per week)
- NUR 202: Nursing IV** 10
Prerequisite: NUR 201. Focuses on developing a coordinated approach to planning and implementing nursing care. The student learns to assume more responsibility for identifying health problems, planning and implementing nursing care for patients with major physical and mental health disorders. (Five hours of lecture and ten hours of clinical laboratory per week)
- NUR 203: Nursing V** 2
Prerequisite: NUR 201. Seminar-like discussion of issues and trends in nursing, legal and ethical components of nursing practice, job opportunities, career satisfaction, continuing education, and professional responsibilities and relationships. Assists student in making the transition from student nurse to an active practitioner of nursing. (Two hours of lecture per week)

OFFICE ADMINISTRATION

- OAD 100: Elementary Keyboarding** 1-2
Basic keyboard instruction using the electronic keyboard. Content includes simple letters, tables, and manuscripts. Exit requirements include mastery of the alphabets, figures and symbols on the keyboard and development of a minimum of 25-30 words per minute.

- OAD 103: Keyboarding I** 3
Prerequisite: Placement or successful completion of OAD 100. Emphasizes speed and control in keyboarding on electronic typewriter; includes business letters, business forms, tabulations, manuscripts, legal documents, and text-editing skills.
- OAD 104: Keyboarding II** 3
Prerequisite: OAD 103 or by placement. Emphasis on production work, incorporating office problems using the electronic typewriter for solutions. Emphasizes high-level skill in duplicating, dictation typing, and text-editing.
- OAD 121: Introduction to Business** 3
A study of the fundamental principles of business organization, finance, banking, credit management, salesmanship and advertising.
- OAD 211: Elementary Stenography** 3
A mastery of the principles of Gregg Shorthand with emphasis on the reading and writing of shorthand notes.
- OAD 212: Advanced Stenography** 3
Prerequisite: OAD 211 or placement. Emphasis is upon speed and accuracy in recording dictation and transcribing.
- OAD 215: Dictation and Transcription** 3
Prerequisite: OAD 212. Includes general, medical, and legal dictation and transcription at high speeds; the acquisition of transcribing skills for a mailable transcript from high-speed dictation.
- OAD 219: Machine Transcription** 3
Prerequisite: Admission by examination or the successful completion of OAD 100. Designed to develop proficiency in transcribing data originated on recording media. Emphasizes improvement of listening, language arts, and keyboarding skills. Includes general medical and legal dictation.
- OAD 222: Office Systems Procedures** 3
Prerequisites: OAD 104 and either OAD 212 or OAD 219. Combines skills of electronic keyboarding, business calculations, accounting, and basic office procedures. Includes general use, medical, and legal office problems and procedures.
- OAD 224: Information and Records Management** 3
Principles of applying scientific control and utilizing information technology for creating, processing, and storing records. Also involves data storage, retrieval and presentation.
- OAD 230: Information Processing I** 3
A hands-on experience in the operation of an information processing system; provides for knowledge and understanding of some of the basic concepts and careers in the field of information processing.
- OAD 231: Information Processing II** 3
Prerequisite: OAD 230 or consent of instructor. An advanced course in information processing where students learn the advanced operations associated with an information processing system, including math support and records management.
- OAD 242: Office Management** 3
Planning and directing the functional services of business and professional offices, including the office building, systems, layout, budgets, personnel and control.
- OAD 250: Word Processing Supervision** 3
Prerequisite: OAD 230. The planning, organization and supervision of word/information processing activities, including systems layout, staffing, evaluation, standards and budgets.
- OAD 325: Machine Mathematics** 3
Prerequisite: MAT 110. The application of ten-key printing and elec-

tronic calculators to mathematical, accounting, and statistical problems and the metric system. (This course will no longer be offered after spring, 1987.)

PHYSICAL EDUCATION

- PHE 100: Golf** 1
Introductory skills and techniques, emphasis on the grip, stance, swing, etiquette, terminology, and rules of golf. (Two labs per week)
- PHE 101: Volleyball/Basketball** 1
Fundamental skills, techniques, terminology, and rules of volleyball and basketball. (Two labs per week)
- PHE 102: Basketball/Softball** 1
Fundamental skills, techniques, terminology, and rules of basketball and softball. (Two labs per week)
- PHE 105: Beginning Tennis** 1
Provides an introduction to skills and techniques, with emphasis on stance, grip, foot movement, swing, forehand stroke, backhand stroke, serving; includes etiquette, terminology, and rules of tennis. (Two labs per week)
- PHE 106: Archery/Bowling** 1
Provides introduction to skills and techniques, emphasis on scoring, etiquette, terminology, and rules. (Two labs per week)
- PHE 109: Beginning Swimming** 1
Designed to teach students basic skills in swimming, diving and water safety. Required of all majors. (Two labs per week)
- PHE 114: Badminton** 1
Provides an introduction to skills and techniques, emphasis on basic strokes, etiquette, terminology, play strategy, and rules. (Two labs per week)
- PHE 116: Racquetball/Handball** 1
Students are introduced to skills and techniques, emphasis on stance, foot movement, basic strokes, serving, etiquette, terminology, and rules for play of the game. (Two labs per week)
- PHE 118: Body Conditioning/Physical Fitness** 1
Designed to help the student understand the basis of physical fitness and to provide sound information for developing a systematic program of exercise and physical activity that best fits the individual needs of each student. (One lecture, one lab per week)
- PHE 121: Karate I** 1
An introduction to physical and metaphysical aspects of the art, meditation and relaxation, the art of self-defense, and increasing strength and stability. (Two labs per week)
- PHE 122: Karate II** 1
A more advanced course for students who are serious about the pursuit of the martial arts. (Two labs per week)
- PHE 123: Aerobic Dance I** 1
A course designed to improve the cardiovascular system, to promote an understanding of the role of aerobics in the prevention of heart disease, and to aid the student in developing a greater awareness of personal fitness. (Two labs per week)
- PHE 124: Aerobic Dance II** 1
To aid students in determining their level of cardiovascular fitness, in establishing their personal target zone for cardiovascular fitness, and in designing a personal aerobics program. (Two labs per week)
- PHE 145: Intermediate Tennis** 1
Review of beginning tennis skills. Instruction in intermediate elements of strokes and strategy used in singles and doubles. (Two labs per week)

- PHE 203: Techniques of Team Sports I** 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature and techniques of teaching in soccer, touch/flag football, and volleyball, grades K-12. (One lecture, two labs per week)
- PHE 204: Techniques of Team Sports II** 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature, and techniques of teaching basketball, baseball, and softball, grades K-12. (One lecture, two labs per week)
- PHE 205: Techniques of Individual Sports I** 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature, and techniques of teaching tennis and racquetball. (One lecture, two labs per week)
- PHE 206: Techniques of Individual Sports II** 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature, and techniques of teaching archery and badminton. (One lecture, one lab per week)
- PHE 207: Techniques of Individual Sports III** 2
This course in intermediate techniques of performance also provides a specialized and intensive study of the technical literature and teaching strategies in track and field events, grades K-12. (One lecture, one lab per week)
- PHE 208: Techniques of Individual Sports IV** 2
A course in intermediate techniques of performance, including a specialized and intensive study of the technical literature and teaching strategies in bowling and golf. (One lecture, one lab per week)
- PHE 209: Techniques of Tumbling, Floor Exercises, and Balance Beam Activities** 2
This course in intermediate techniques of performance includes a specialized and intensive study of the technical literature, spotting, safety procedures, and the techniques for teaching tumbling, rebound tumbling, floor (free) exercises and balance beam activities, grades K-12. (One lecture, two labs per week)
- PHE 116: Racquetball/Handball** 1
Students are introduced to skills and techniques, emphasis on stance, foot movement, basic strokes, serving, etiquette, terminology, and rules for play of the game. (Two labs per week)
- PHE 118: Body Conditioning/Physical Fitness** 1
Designed to help the student understand the basis of physical fitness and to provide sound information for developing a systematic program of exercise and physical activity that best fits the individual needs of each student. (One lecture, one lab per week)
- PHE 121: Karate I** 1
An introduction to physical and metaphysical aspects of the art, meditation and relaxation, the art of self-defense, and increasing strength and stability. (Two labs per week)
- PHE 122: Karate II** 1
A more advanced course for students who are serious about the pursuit of the martial arts. (Two labs per week)
- PHE 123: Aerobic Dance I** 1
A course designed to improve the cardiovascular system, to promote an understanding of the role of aerobics in the prevention of heart disease, and to aid the student in developing a greater awareness of personal fitness. (Two labs per week)
- PHE 124: Aerobic Dance II** 1
To aid students in determining their level of cardiovascular fitness, in establishing their personal target zone for cardiovascular fitness, and

in designing a personal aerobics program. (Two labs per week)

PHE 145: Intermediate Tennis 1
Review of beginning tennis skills. Instruction in intermediate elements of strokes and strategy used in singles and doubles. (Two labs per week)

PHE 203: Techniques of Team Sports I 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature and techniques of teaching in soccer, touch/flag football, and volleyball, grades K-12. (One lecture, two labs per week)

PHE 204: Techniques of Team Sports II 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature, and techniques of teaching basketball, baseball, and softball, grades K-12. (One lecture, two labs per week)

PHE 205: Techniques of Individual Sports I 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature, and techniques of teaching tennis and racquetball. (One lecture, two labs per week)

PHE 206: Techniques of Individual Sports II 2
Designed to expose the student to intermediate techniques of performance, lead-up games, study of appropriate literature, and techniques of teaching archery and badminton. (One lecture, one lab per week)

PHE 207: Techniques of Individual Sports III 2
This course in intermediate techniques of performance also provides a specialized and intensive study of the technical literature and teaching strategies in track and field events, grades K-12. (One lecture, one lab per week)

PHE 208: Techniques of Individual Sports IV 2
A course in intermediate techniques of performance, including a specialized and intensive study of the technical literature and teaching strategies in bowling and golf. (One lecture, one lab per week)

PHE 209: Techniques of Tumbling, Floor Exercises, and Balance Beam Activities 2
This course in intermediate techniques of performance includes a specialized and intensive study of the technical literature, spotting, safety procedures, and the techniques for teaching tumbling, rebound tumbling, floor (free) exercises and balance beam activities, grades K-12. (One lecture, two labs per week)

PHE 355: Sports Officiating I 3
Intensive study of playing rules, rule interpretation and techniques and mechanics of officiating football, soccer, volleyball and gymnastics. Offered fall semester only.

PHE 356: Sports Officiating II 3
Intensive study of playing rules, rule interpretation and techniques and mechanics of officiating basketball, baseball, softball, and track and field. Offered spring semester only.

PHE 380: Coaching Competitive Athletics 2
Introduction to the theories and practices pertaining to athletic performance and athletic management for professional and nonprofessional coaching.

PHE 381: Coaching Volleyball and Basketball 2
Theory, strategy, and mechanics of coaching volleyball and basketball.

PHE 382: Coaching Track and Field Events 2
Theory, strategy, and mechanics of coaching track and field events.

PHE 383: Coaching Soccer and Football 2
Theory, strategy, and mechanics of coaching soccer and football.

PHE 384: Coaching Baseball and Softball 2
Theory, strategy, and mechanics of coaching baseball and softball.

PHE 389: Legal Aspects of Coaching Athletics 2
Provides the student with knowledge and understanding of laws applicable to the specific areas of school physical education and athletic programs.

PHE 390: Scientific Basis of Coaching 2
Introduces the student to the three scientific disciplines that undergird sound athletic coaching practices: sport psychology, biomechanics, and exercise physiology. (One lecture, one lab per week)

PHE 391: Psychology of Motor Learning 2
Provides the student with knowledge and understanding of skill acquisition, motor control, and motor performance applicable when participating in sport activities.

PHE 401: Tests and Measurements 3
Prerequisite: MAT 110. The theory of measurement and statistical techniques in physical education. Includes construction of knowledge tests and the measuring of physical fitness and motor performances.

PHE 421: Organization and Administration of Health and Physical Education 3
Prerequisite: PHE 323. Introduces the student to the principles of planning, organizing, directing, and evaluating elementary and secondary school health, physical education, and intramural and interscholastic sports programs.

PHE 423: Advanced Techniques in Athletic Training 3
This course focuses on the causes, symptoms, and appropriate emergency care for the injured athlete. (One lecture, two labs per week)

PHE 424: Athletic Training Field Experience 3
Prerequisites: PHE 324 and PHE 423. Students will be placed under the direct supervision of a certified athletic trainer. The student will be required to submit an in-depth report (paper) based on the field experience. May be repeated once for credit. (Three labs per week)

PHILOSOPHY

PHI 200: Introduction to Philosophy 3
A study of various modes of critical and systematic inquiry about fundamental questions of existence. Focus includes developing ability to question assumptions, to compare value systems, to probe the structure of reality, to examine the basis and possibility of knowledge, and to analyze the process of reasoning.

PHI 210: Introduction to Logic 3
An introductory study of the art and criticism of reasoning. Attention to formal and informal fallacies, deductive and inductive inferences, traditional Aristotelian logic, and the modern logic of truth-functions.

PHI 310: Moral Philosophy 3
An introductory study of traditional theories of ethics, and recent critiques of ethical thinking. Topics include problems of good and evil, determinism, ethical relativism, moral responsibility, and punishment.

PHI 330: Philosophy of Religion 3
An analytical and critical investigation of arguments concerning the existence and nature of God. Notions of survival after death and the epistemology of religious claims.

PHI 390: Bioethics 3
An exploration of ethical issues arising from modern biology and medicine, including altruism and social biology, abortion, birth control technology, euthanasia, and genetic engineering.

PHYSICAL SCIENCE

PHS 201: Physical Sciences I 3
Introduction to basic principles of physical phenomena of the universe. Among the topics discussed are geology, astronomy, and meteorology.

PHS 202: Physical Sciences II 3
Introduction to basic principles of physical phenomena of the universe. Among the topics discussed are chemistry and physics as they apply to explaining physical phenomena.

PHYSICS

PHY 111: Introduction to Physics I 3
Prerequisite: MAT 110 (may be taken concurrently). This course is an introduction to mechanics, gravitation, friction, elasticity, heat, and sound. (Two hours of lecture and two hours of laboratory per week)

PHY 112: Introduction to Physics II 3
Prerequisite: PHY 111. Corequisite: MAT 120. This course is an introduction to electricity, magnetism, light, molecular and atomic physics. (Two hours of lecture and two hours of laboratory per week)

PHY 207: Physics in Biological Science I 4
Prerequisite: MAT 120. Rigid-body mechanics, gravitation, friction, elasticity, harmonic motion, sound, fluid mechanics, heat transfer, and kinetic theory, with particular attention to living systems. (Three hours of lecture, two hours of laboratory per week)

PHY 208: Physics in Biological Science II 4
Prerequisite: PHY 207. Continuation of PHY 207, with study of electricity, magnetism, electrical circuits, light, optical systems, molecular and atomic structure, and radiation. (Three hours of lecture, two hours of laboratory per week)

PHY 211: General Physics I 4
Prerequisite: PHY 112 or consent of the instructor. Corequisite: MAT 201 (may be taken concurrently). Study of the calculus-based description of rigid-body mechanics, gravitation, friction, elasticity, fluid mechanics, harmonic motion, sound, thermometry, and heat transfer. (Three hours of lecture, two hours of laboratory per week)

PHY 212: General Physics II 4
Prerequisite: PHY 211. Corequisite: MAT 202. Continuation of PHY 211. Electricity, magnetism, electrical circuits and devices, optics, atomic and molecular physics, kinetic theory and radiation physics are studied. (Three hours of lecture, two hours of laboratory per week)

PHY 311: Statics 3
Prerequisites: PHY 211 and MAT 202. The analysis of gravitational, elastic, and frictional forces in static rigid bodies and structures. (Two hours of lecture, two hours of laboratory per week)

PHY 312: Dynamics 3
Prerequisites: PHY 211 and MAT 202. This course includes the study of single-particle, two-particle, and rigid-body motions and collisions; also, parameter and nonlinear resonance based on the principle of least action, the conservation laws, the canonical equations, and Hamilton's equations are studied. (Two hours of lecture, two hours of laboratory per week)

PHY 320: Thermodynamics 4
Prerequisites: PHY 211 and MAT 202. Course covers equations of state, energy, enthalpy, and entropy of several fundamental physical systems; it also includes laws of thermodynamics applied to these systems and to common engines. (Three hours of lecture, two hours of laboratory per week)

PHY 340: Electricity and Magnetism 4
Prerequisite: PHY 212. Corequisite: MAT 303. Course includes analysis of electric and magnetic forces, fields and potentials associated with charge and current in vacuum, in dielectrics, and in conductors. Motion of charged particles, electromagnetic waves, and electrical circuits and

devices are also studied. (Three hours of lecture, two hours of laboratory per week)

PHY 361: Modern Physics 4
Prerequisite: PHY 212. (PHY 320 is recommended.) Corequisite: MAT 303. Study of kinetic theory of gases. Bonding forces in liquids and solids, statistical thermodynamics, thermal, electrical, and magnetic properties of materials, photon and electron characteristics, and atomic and nuclear structures and radiations. (Three hours of lecture, two hours of laboratory per week)

POLITICAL SCIENCE

POS 101: American Government 3
A study of the formal and informal institutions of American national government and politics: the Constitution, the presidency, Congress, the federal court system, etc.

POS 160: State and Local Government 3
Prerequisite: POS 101. An examination of the structure and function of state and local political institutions; the forms of political participation and various policy issues.

POS 181/PUA 181: Contemporary Public Policy Issues 3
Prerequisite: POS 101. An overview of selected public policy issues in America. The choice of topics may include tax policy, health care, welfare, foreign policy and other policy areas with high national priorities.

POS 201: Metropolitan Government 3
A study of municipal government and metropolitan problems, including politics, the role of the city council, the mayor and the city manager.

POS 211: Introduction to Political Science 3
An introduction to the study of behavior in a political context, including an analysis of behavioral concepts, such as political roles, groups and power.

POS 240: Afro-American Politics 3
Prerequisite: POS 101. An analysis and assessment of the political position and practices of Afro-Americans.

POS 270: Research Methods in Political Science 3
Prerequisites: POS 211 and SOC 300. An examination of the major approaches, research methodologies, and the theories and models in political science research.

POS 300: Problem Seminar 3
Prerequisites: POS 101 and POS 211. Examination of a range of specific problems encountered by professional political scientists and active government researchers.

POS 301: Comparative Government 3
Prerequisite: POS 211. An analysis of the major political systems of Europe with emphasis on Great Britain, France, the German Federal Republic and the Soviet Union.

POS 322: Legislative Process 3
Prerequisite: POS 160. A comprehensive study of legislative organization, procedures and problems governing the legislative power structure, and the selection of legislators and the roles they play.

POS 331: American Constitutional Law 3
Prerequisite: POS 160. An analysis of the constitutional development of separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power.

POS 341: Introduction to Public Administration 3
Prerequisites: POS 160 and POS 201. An introduction to the functions and problems of public administration, emphasizing the types of government organization, lines of responsibility, personnel management, and fiscal processes.

POS 355: Classical Political Theory 3
Prerequisite: Consent of instructor. An examination of Western political

philosophy from Plato to Marx with emphasis on Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau and Marx.

POS 361: World Politics 3
Prerequisite: POS 301. An examination of the dynamics of world politics, international tension, conflict and resolution.

POS 362: Urban Politics and Policies 3
Prerequisite: POS 201. This course examines political behavior in American urban political systems with analysis of policies that affect urban life and discussion of important social/political problems.

POS 375: Social Change, Politics and Public Policy 3
Prerequisite: POS 160. An examination of the relationship between social change, politics, and public policy in the United States.

POS 431: The Constitution and Civil Liberties 3
Prerequisites: POS 160 and POS 211. An examination of constitutional development: the definition of American rights in the areas of freedom of speech, press, assembly, association and religion.

POS 441: Administrative Case Study 3
Prerequisites: POS 322 and POS 341. Case studies of selected problems in the administrative process. The student has an opportunity for presenting and defending individual judgments.

POS 442: Public Personnel Administration 3
Prerequisite: POS 341. A study of public personnel administration, including the development of merit civil service, the personnel agency, classification, recruitment, etc.

POS 446: American Political Executives 3
Prerequisites: POS 201, POS 211 and POS 331. An analytical examination of the powers, duties, and functions of American political executives in national, state, and local governments.

POS 461: American Politics 3
Prerequisite: POS 160. An advanced political science course that addresses the American political heritage; specific emphasis is placed on the Constitution, political behavior, and electoral systems.

POS 462: Politics of Developing Nations 3
Prerequisite: POS 211. A comparative analysis of political culture, processes and problems of selected nations, the majority of which have become independent since World War II.

POS 464: African Politics 3
Prerequisite: Permission of instructor. A survey course designed to introduce students to African political structure, its historical background, the impact of colonization and recent trends and ideologies.

POS 470: International Organization 3
Prerequisite: POS 301. An examination of the social and economic factors leading to the establishment of international organizations. Conflicting interests in achieving world peace on the international level are studied.

POS 291-391-491: Internship I, II, III 9-12
Three preprofessional work experience periods (semesters or summers) to supplement and reinforce classroom instruction with opportunities for practical application. Number of credit hours to be awarded and hours of employment to be arranged by major program advisor. Final letter grade to be awarded by major advisor.

POS 495: Directed Study in Political Science 3
Prerequisite: Permission of instructor. Course content, instructional activities and student assignments are tailored to specific needs.

PSYCHOLOGY

PSY 200: General Psychology 3
A first course in human behavior. Among the topics covered are heredity and environment, development of the individual, motivation, emotion, the senses, perception, and personality.

PSY 250: The Brain 3
Prerequisite: PSY 200, or BIO 101 or higher. This course, only offered as the KET telecourse, "The Brain," explores the relationship of the brain's physiology to human behavior.

PSY 300/SOC 300/SOW 300: Statistics and Research Design I 3
Prerequisite: A background in general mathematics. This course introduces the theory, logic and use of qualitative and quantitative social statistics as methods of analyzing and refining raw social-psychological data.

PSY 301/SOC 301/SOW 301: Statistics and Research Design II 3
Prerequisite: A background in general mathematics. This course introduces the logic and skills of social science research and provides opportunities to explore and study research design and methodology in detail.

PSY 304: Experimental Psychology 3
Prerequisite: PSY 200. An introduction to laboratory procedures and the use of experimental subjects to study classical and operant conditioning, motivation, shaping, and superstitious behavior. (A laboratory course)

PSY 305: Physiological Psychology 3
Prerequisite: PSY 200. The study of the neurophysiological bases of behavior, with emphasis on neuroanatomy and the physiology of learning, motivation, emotion, and sensation.

PSY 307: Learning and Motivation 3
Prerequisite: PSY 200. The scientific investigation of the learning process, including empirical laws and their derivation from research on humans and animals and the study of the variables that energize and direct behavior.

PSY 309: Cognitive Psychology 3
Prerequisite: PSY 200. An intensive study of the growing field of cognitive psychology and the supporting function of perception. The basic areas of memory, attention, and consciousness, in addition to the concepts of information processing and artificial intelligence, are explored.

PSY 310: Philosophy and Psychology 3
Prerequisite: PSY 200. An exploration into the philosophy of psychology, including study of the works of Laing, Skinner, Rogers, Piaget, and others.

PSY 320: History and Systems of Psychology 3
Prerequisite: PSY 200 or permission of instructor. Exploration of the history of psychology as a scientific and disciplined approach to understanding both normal and abnormal behavior. The early beginnings of psychology are traced from the ancient Greeks.

PSY 400: Abnormal Psychology 3
Prerequisite: PSY 200. A study of the nature and concept of abnormality; problems and schemes of classification; and the theories, symptoms, etiology, and treatment of deviant behavior.

PSY 401: Personality Theory 3
Prerequisite: PSY 200. Major theories of personality and personality development are closely examined, including the relationship of personality to motivation, attitudes and values, and abnormal behavior.

PSY 402: Industrial Psychology 3
Prerequisite: PSY 200. Application of general principles of psychology to the industrial setting with emphasis on job analysis; worker analysis; work-fatigue accidents; human engineering; moral-interpersonal relationships; and worker effectiveness.

PSY 404: Psychological Assessment 3
Prerequisite: PSY 200. A survey course of the broad categories into which psychological assessment instruments and techniques can be divided and the major advantages and limitations of each. Includes a study of the principal resource materials for identifying, locating, and evaluating existing assessment instruments and techniques.

PSY 405: Seminar in Psychology I 3
Prerequisites: PSY 300 and PSY 301. A specific area of psychology is studied based on current trends and student needs. The course involves examination and evaluation of current publications in psychology.

PSY 406: Seminar in Psychology II 3
Prerequisite: PSY 405. A continuation of PSY 405 with a different area of psychology studied intensively. A comprehensive independent paper is required.

PSY 407: Theories of Psychotherapy 3
Prerequisites: PSY 400 and PSY 401. Approaches to the treatment of mental illness or disorder. As psychotherapy is practiced by social workers, psychiatrists, and psychologists, the process of psychotherapy will be examined from a multidisciplinary perspective.

PUBLIC AFFAIRS (Undergraduate)

PUA 170: Public Sector Management 3
Prerequisite: POS 101 or consent of instructor. A survey of the managerial issues in government agencies, including organization, personnel, budget, political accountability, clientele relations and human resources development.

PUA 181/POS 181: Contemporary Public Policy Issues 3
Prerequisite: POS 101 or consent of instructor. An overview of selected public policy issues in America. The choice of topics may include tax policy, health care, welfare, foreign policy and other policy areas with high national priorities.

PUA 191: Organization Theory and Society 3
Prerequisite: PUA 170 or consent of instructor. An overview of public bureaucracy and its relationships with larger societies from the perspectives of selected organizational theories.

PUA 202: Computer Applications in the Public Sector 3
Prerequisite: PUA 170 or consent of instructor. A survey of managerial use of computers in meeting the needs of governmental program management. Hands-on experience in computer use is provided.

PUA 203: Introductory Statistics for Public Administrators 3
Prerequisite: PUA 170 or consent of instructor. Elementary introduction to statistics with emphasis on applications involving public sector data. Topics covered include descriptive statistics, survey sampling, tests of significance and graphic presentation of statistical data in governmental reports.

PUA 212: Survey of Public Personnel Functions 3
Prerequisite: PUA 170 or consent of instructor. An overview of major personnel issues in governmental agencies and practical concerns in personnel departments.

PUA 214: Governmental Finance and Budgeting 3
Prerequisite: PUA 170 or consent of instructor. An overview of financial administration in governmental programs. Practical concerns in budget administration are considered.

PUA 297: Sophomore Seminar 3
Prerequisites: PUA 181, PUA 191 and either associate degree student status or consent of instructor. Study of a specific problem in public administration. The student participates in group research projects under the guidance of the instructor.

PUA 298: Special Topics in Public Administration 3
Prerequisites: PUA 181, PUA 191 and either associate degree student status or consent of instructor. Individualized study of a sub-field of public administration.

PUA 299: Practicum in Public Administration 3
Prerequisites: PUA 181, PUA 191 and either sophomore standing in Public Affairs associate degree program or consent of dean. The student works in a public agency on a full-time or part-time basis on activities related to the agency's mission. May be repeated once for credit.

PUA 300: Political Economy 3
Prerequisite(s): POS 101 and ECO 211 or consent of instructor. This course examines the relationship between government economic policy and the American economic system. Emphasis is on current issues, incorporating both fiscal and monetary policy.

PUA 301: Public Budgeting Processes 3
Prerequisite(s): PUA 170 and POS 101 or consent of instructor. An examination of the managerial components of budgetary processes in government agencies. The budget administration in local, state and federal agencies is analyzed.

PUA 303: Research Methods in Public Administration 3
Prerequisite: PUA 203 or consent of instructor. Application of social science research techniques to the problems of public sector management. Development of analytical perspectives in evaluating administrative research reports.

PUA 304: Comparative Administrative Systems and Policies 3
Prerequisite: PUA 170 or consent of instructor. An analysis of public management in selected nations with specific focus on the comparison of public policies, programs and their implementation.

PUA 322: Management Information Systems 3
An examination of the psychological and behavioral aspects of information systems, conceptual life cycles, and information controls.

PUA 400: Policy Analysis and Program Evaluation 3
Prerequisite(s): PUA 303 and ECO 211 or consent of instructor. Analysis of the impact of programs and policies in the public sector. The student examines the effects of selected programs on the public, interest groups, and political institutions and critically evaluates the analytical techniques used in impact studies.

PUA 401: Organizational Behavior and the Bureaucratic Structure 3
Prerequisite: PUA 170 or consent of instructor. A study of behavior in public organizations and practical use of organizational theories in effective public management.

PUA 402: Human Resources Management in Public Agencies 3
Prerequisite: PUA 170 or consent of instructor. An introduction to human resource management. Topics may include recruitment, personnel development, job analysis, productivity, employee assistance services and grievance analysis.

PUA 491: Internship 3-9
Content determined by instructor. Practicum experience based on the interest of students and availability of placement openings in public sector agencies.

PUA 495: Directed Study 3
Prerequisite: Senior standing or consent of dean. An organized course of readings, oral and written reports, and examinations arranged by a faculty member whose areas of specialization coincide with the student's interests.

PUA 497: Issues in Public Affairs 3
Prerequisite: Senior standing or consent of instructor. A seminar for the discussion of topical issues in public affairs.

PUA 499: Senior Seminar 3
Prerequisite: Senior standing or consent of dean. A capstone experience for public administration majors. The seminar integrates theory and research with practice. The instructor selects a series of issues for readings and discussion.

PUBLIC AFFAIRS (Graduate)

PUA 500: Public Affairs Perspective 3
Provides conceptual perspectives on management in the public sector. Topics covered include public policy, political/economic environment, organization theory, management practices, planning, financial management, leadership, intergovernmental relations, and decision making.

PUA 501: Quantitative Methods	3
A study of statistical measures from a managerial perspective and the use of social science package computer programs for doing statistical analyses.	
PUA 503: Research Methods and Policy Analysis	3
Prerequisite: PUA 501 or consent of instructor. An introduction to skills and concepts useful for research involving analysis and evaluation of public policy and programs.	
PUA 504: Organization Theory and Behavior	3
Surveys the theories of complex organizations. Topics include an investigation of empirical findings relating to socialization, role analysis, group dynamics, leadership behavior, organizational development, and employee motivations in administrative systems.	
PUA 505: Introduction to Management Information Systems	3
Prerequisite: PUA 503 or consent of instructor. This course introduces the student to the terminology and tools of management information systems. The theoretical background is based in operations research, management science, and computer science. Microcomputer applications and case studies are used extensively.	
PUA 506: Public Personnel Management	3
Provides students with an overview of personnel management concepts and focuses on various functions and laws that comprise the personnel function in the public and not-for-profit sectors.	
PUA 600: Seminar on American Administrative Institutions and Public Policies	3
This seminar is designed for extensive reading and critical discussions about American administrative institutions, political behavior and public policies. It is particularly designed for MPA students who have limited academic background in the area of American government, politics and public policies.	
PUA 601: Seminar on State Administration	3
Prerequisite(s): All core courses or consent of instructor. Examines the managerial aspects of state administration with comparisons of selected public policies in different American states. Considers the political and economic environments confronting administrators in state government.	
PUA 602: Seminar on Intergovernmental Relations	3
Prerequisite(s): All core courses and PUA 601 or consent of instructor. Focuses on the administrative aspects of relationships between local, state, and federal governments in the United States.	
PUA 603: Seminar on Urban Administration	3
Prerequisite(s): PUA 500 and PUA 503 or consent of instructor. This advanced research seminar provides an analysis of managerial issues in urban public administration.	
PUA 604: Seminar on Rural Administration	3
Prerequisite(s): PUA 500 and PUA 503 or consent of instructor. This research seminar is founded on an analysis of general and specific management issues in rural public administration. Special emphasis will be on land use, transportation, agriculture, environment, and the management of decentralized services.	
PUA 605: Public Sector Economics	3
Prerequisite(s): PUA 500 and PUA 505 or consent of instructor. This course provides an introduction to the terminology and methods of traditional microeconomics and macroeconomics. Emphasis is on the leading indicators and the institutions that shape public policy.	
PUA 606: Grantsmanship and Proposal Writing	3
Prerequisite(s): PUA 500 and PUA 503 or consent of instructor. A study of the technicalities and behavior patterns involved in writing grant proposals for government agencies and nonprofit foundations. Hands-on experience in writing proposals provided.	

PUA 607: Financial Administration for the Public Sector	3
Prerequisites: PUA 500 and either PUA 501 or consent of instructor. Focuses on current governmental financial management issues and techniques. Develops specific skills to be applied by public executives in preparing budget proposals for local, state, or federal governments.	
PUA 609: Seminar on Political Economy	3
Prerequisite(s): PUA 501 and PUA 605 or consent of instructor. Focus is on the interrelationships between the public and private sectors. The impact of government programs on the private sector and the economic system is emphasized.	
PUA 612: Personnel Law and Administration	3
Prerequisite: PUA 506 or consent of instructor. Introduces students to varying regulations and concepts with which they must deal in administering the personnel functions of an organization.	
PUA 613: Labor Relations and Collective Bargaining	3
Prerequisite(s): PUA 506 and PUA 605 or consent of instructor. Introduces the student to labor/management relations. Compares the characteristics of the private and public sectors with focus on current problems in public sector labor relations.	
PUA 614: Applied Human Relations	3
Applies human relations theory and practice to the public sector to develop a people-in-systems focus that will meet the needs of government workers and the agencies they serve.	
PUA 621: Overview of Employment and Training Programs	3
A survey course which presents an overview of public sector employment and training programs. Topics include basic labor market concepts, the planning and function of management information systems, and client services.	
PUA 622: Labor Force Planning and Labor Market Analysis	3
Prerequisite: PUA 621 or consent of instructor. Focuses on complex labor market concepts, stressing demographic analysis as well as other methods. The planning process is developed along with the specific techniques to monitor and evaluate program effectiveness.	
PUA 624: Counseling in the Workplace	3
Prerequisite: PUA 506 or consent of instructor. A study of the theories and techniques of counseling at the workplace, including career counseling for employees and the unemployed, interviewing, performance appraisal, documentation issues, and EEO problems.	
PUA 631: Seminar on Comparative and International Administration	3
Analyzes systems of public management and their political environment in selected countries of Africa, Asia, Europe, and Latin America. Topics include managerial problems and international public agencies.	
PUA 632: Comparative Economic Systems	3
Surveys economic systems of Western, communist, and less developed countries. Topics include economic problems of developing nations and the impact of global political and economic trends.	
PUA 633: Seminar on Development Administration	3
Prerequisite(s): PUA 631 and PUA 632 or consent of instructor. Analysis of international development programs from managerial perspectives. Topics for discussion include program management, technology transfer, foreign aid, and administrative modernization.	
PUA 641: Seminar on Management Information Systems (MIS)	3
Prerequisite: PUA 505 or consent of instructor. A required course for all students who choose the management information systems specialty area. Topics include the use of computer hardware and software to retrieve data, manage data bases, model alternatives, and prepare reports.	
PUA 642: Decision Support Systems	3
Prerequisite: PUA 641 or consent of instructor. This course combines	

theory with the practical techniques of PERT, CPM, linear programming, modeling, "what if" analysis, break-even analysis, and decision trees.

PUA 678: Seminar on Planning for Public Administrators	3
Prerequisite(s): PUA 504 and PUA 607 or consent of instructor. The nature and objectives of planning are analyzed. Focus is on the planning role in the program development process and planning techniques such as forecasting and scenario writing.	
PUA 680: Statistical Packages for Data Analysis	3
Prerequisite: PUA 505 or consent of instructor. Explores reporting and data analysis capabilities of various software packages. Emphasizes research uses, particularly with large data bases.	
PUA 682: Concepts and Practices of Public Budgeting	3
Focuses on the budget as a system of financial control and a tool for public planning. Topics include general budgetary theory and the Kentucky state budget with emphasis on budget construction.	
PUA 683: Organizational Development	3
Studies the methodologies used for systematically bringing about organizational change and improvement. Students learn how to increase the effectiveness of government agencies through the application of research and theory from the behavioral and social sciences.	
PUA 685: Ethics for Public Sector Management	3
This course enables students to recognize ethical dilemmas in public sector management, to develop their skills of ethical analysis, and to become aware of their own personal moral judgments; the course also encourages thinking about long-range issues of the political order and about professional ethics and standards.	
PUA 686: Training and Development in the Public Sector	3
Considers the role of education, training and development in the public sector. Gives special attention to the impact of education and training on productivity in the workplace. Topics include training methods and evaluation techniques.	
PUA 687: Current Issues in Public Affairs	3
Focuses on issues of current interest in the public sector. Topics include the determination, review, and analysis of timely public affairs topics from an interdisciplinary perspective.	
PUA 688: Seminar on Public Policy Analysis and Program Evaluation	3
Prerequisite: PUA 503 or consent of instructor. Utilizes policy analysis and evaluation techniques to study urban services, the quality of the environment, and public sector provision of health care, social services, and transportation.	
PUA 689: Directed Study	3
This course entails completion of an approved project designed to provide the student with an opportunity to develop an area of expertise not covered by the regular curriculum.	
PUA 691: Advanced Seminar on Personnel Management	3
Prerequisite(s): PUA 500, PUA 504 and PUA 506 or consent of instructor. Applied public sector personnel management as viewed from the theoretical, legal and practical perspective. Special emphasis on the development of personnel policies and plans.	
PUA 699: Administrative Internship in Public Affairs	3-6
Required of all students with limited or no previous work experience related to their specialty area in Public Affairs as determined by the Public Affairs faculty. Provides an opportunity to gain practical experience in a work setting and demonstrate acquired work-related skills.	
PUA 798: Professional Project	6
Prerequisite: Approval by a Public Affairs faculty committee. Completion of a project approved by the committee involving direct participation in a government or volunteer agency, public interest group, or similar organization. Faculty will evaluate the quality of the work.	

Can be taken for 3 credit hours for two semesters and completed or for 6 credit hours for one semester and completed. Oral defense is required.

PUA 799: Thesis	6
Prerequisite: Approval by a Public Affairs faculty committee. Independent and original research on a specialized topic in Public Affairs. The faculty committee will approve the topic selected, supervise the student's progress, and evaluate the quality of the completed research. Findings must be presented in a format that follows established rules. Can be taken at 3 hours for two semesters and completed or 6 hours in one semester and completed. Oral defense is required.	

RECREATION

REC 101: Introduction to Recreation	3
Special attention is given to the history of recreation, principles of organization, finance, administration, and supervision.	
REC 201: Recreational Games and Sports	3
Prerequisite: REC 101 or approval of chairperson. The theory and practice of teaching recreational games and sports needed in developing sound recreational programs are studied. (One lecture, two labs per week)	
REC 322: Recreation for Special Populations	3
Prerequisite: REC 101 or approval of chairperson. Introduces students to the philosophy, objectives, and basic concepts of recreation for handicapped and aged and identifies problems associated with these groups. (Lecture and laboratory)	
REC 343: Organization and Administration of Playgrounds and Recreation	3
Focuses on city problems as related to play and recreation, city planning, authority and responsibility, programs, leagues, tournaments, equipment, supplies, and public relations.	
REC 364: Camping and Camp Counseling	3
Prerequisite: REC 101 or approval of chairperson. Includes theory and practice of trends and philosophies of camping and camp counseling. Emphasis upon organizing and administering practical experiences in organized camping programs. (One lecture, two labs per week)	
REC 400: Recreation Field Experience	3
Prerequisites: REC 101, REC 201, REC 322, and junior standing. Students engage in supervised leadership experiences in public and private recreation agencies. May be repeated once for credit. (Three labs per week)	

RELIGIOUS STUDIES

REL 201: Topics in Religion	3
A survey of various questions and topics of the world's major religious traditions. Emphasizes historical, anthropological and symbolic analysis and understanding.	

REAL ESTATE

RES 101: Principles of Real Estate	3
A general introduction to the various areas of real estate as a professional field, including brokerage, agreements of sales, deeds, financing of real estate, mortgages, judgements, valuation appraisals and license law.	
RES 102: Real Estate Marketing	3
Principles and practices of listing, selling, title transfer, drawing documents, contracts, deeds, financing, and other instruments are studied. Covers ownership rights, liens, taxes, assessments, and other claims on real property.	
RES 104: Real Estate Law	3
Designed to equip the student with an understanding of legal principles	

governing real estate transactions with particular attention to sales, contracts, deeds, mortgages, title insurance, taxes, community property, and homestead law.

RES 201: Real Estate Valuation 3
General introduction to the real estate market, including land values, construction costs, residential and commercial appraisals, and transactions of rental income into present value.

SCIENCE PROCESS SKILLS

SCI 170: Science Process Skills 3
Hands-on science activities designed to teach students the science process skills of observation, inference, communication, measurement, classification, identification of variables, prediction, hypothesis formation, experimentation, and data analysis. Stresses both oral and written communication skills.

SOCIOLOGY

SOC 203: Principles of Sociology 3
Survey of the basic principles and concepts of sociology to facilitate the student's understanding of the multiple social forces with which he/she is confronted.

SOC 205: Introduction to Sociology 3
An introduction to the concepts, methods and empirical data in contemporary sociology with emphasis on the scientific approach to the study of society and human behavior.

SOC 300/PSY 300/SOW 300: Statistics and Research Design I 3
Prerequisite: A background in general mathematics. This course introduces the theory, logic and use of qualitative and quantitative social statistics as methods of analyzing and refining raw social-psychological data.

SOC 301/PSY 301/SOW 301: Statistics and Research Design II 3
Prerequisite: A background in general mathematics. This course introduces the logic and skills of social science research and provides the opportunity to explore and study research design and methodology in detail.

SOC 302: The Sociology of Medicine and Allied Health Systems 3
Prerequisite: SOC 205. Study of social and cultural factors related to health, illness, and the medical system.

SOC 303: Cultural Anthropology 3
Prerequisite: SOC 205. Introduction to the scientific study of human culture; the examination of the ecological, historical and evolutionary foundations of culture.

SOC 304: Race and Ethnic Relations 3
Prerequisites: SOC 205, HIS 101 and HIS 102. A sociological analysis of modern race and ethnic relations with special attention given to black-white interaction, race prejudice, discrimination, cultural differences and socio-cultural dynamics in our society.

SOC 305: Contemporary Social Problems 3
Prerequisite: SOC 205. An examination of social issues and conflicts of society from a sociology perspective.

SOC 310: Group Dynamics 3
Prerequisite: SOC 205. This course examines the structure and processes of small group interaction, with skill application.

SOC 312: The Sociology of Poverty 3
Prerequisite: SOC 305. Investigation of the socio-cultural factors that contribute to poverty and deprivation in rural and urban settings.

SOC 314: Demography 3
Prerequisites: SOC 203 or SOC 205, and SOC 300. Examination of the factors that affect growth, size, composition, and distribution of human populations; the components of population change and their relationship to socio-cultural variables of education, religion, politics and economics.

SOC 320: Social Stratification 3
Prerequisite(s): SOC 203 and SOC 205, or consent of the instructor. Study of systems of social ranking in societies. Attention is focused on social classes in American societies and the distribution of power, prestige and privileges.

SOC 330: Psychological Anthropology 3
Prerequisite: Consent of the instructor. Study of the findings of anthropological research that makes systematic use of psychological methods in order to understand the relationship between individual and socio-cultural phenomena.

SOC 331: Rural Sociology 3
Prerequisite: SOC 205. The prerequisite may be taken concurrently. Introduction to the theories, principles, and practices of rural societies.

SOC 342: Deviance 3
Prerequisite: SOC 305. Open to juniors and seniors only. The course is a seminar with degrees of off-campus work-learning-earning cooperative education experiences in which advanced students independently develop and defend individual projects.

SOC 343: Juvenile Delinquency 3
Prerequisite: SOC 205. The prerequisite may be taken concurrently. Study of the causes of delinquency as revealed through personal, family, and community-situation conditioning.

SOC 350: Urban Sociology 3
Prerequisite: SOC 205. The prerequisite may be taken concurrently. Examination of social processes, including the emergence of leadership, the structure of authority, and the differentiation between and among urban institutions.

SOC 403: Social Psychology 3
Prerequisite(s): PSY 200 and SOC 205, or consent of instructor. Study of the individual in the group setting through sociological analysis. The major content covers the socio-psychological functions of behavior and variations among humans as they interact.

SOC 405: Sociological Theory 3
Prerequisite: Junior standing in Sociology. The social, cultural, and intellectual foundations of sociological theory.

SOC 410: Community Development 3
Prerequisite: Junior standing in Sociology. An examination of the internal characteristics, organization, structure, and dynamics of the community and those external relationships essential to local effort.

SOC 423: Criminology 3
Prerequisites: SOC 203 and SOC 205. The latter prerequisite may be taken concurrently. A study of the general research on criminology from the classical schools to the present, with special units on the professional criminal and "white collar" crime.

SOC 428: Applied Sociology 3
Prerequisite: Junior standing in Sociology. Examination of a broad range of perspectives for the application of sociological principles and techniques to human environmental problems in America and other parts of the world.

SOC 431: Social Change 3
Prerequisites: SOC 203 and SOC 205, plus 9 additional credit hours earned in upper-level Sociology courses. Open to seniors only. A seminar in which advanced students present and defend independently developed projects on the dynamics of change.

SOC 440: Sociology of the Future 3
Prerequisite(s): SOC 203 and SOC 205, or consent of the instructor. The perceived impact of technological innovations on social organizations, institutions, social behavior and the effects of "future shock" relations.

SOC 490-491-492: Sociological Practicum I, II, III 1-6
Off-campus preprofessional working-learning experience under profes-

sional supervision for selected students. Coordinated and evaluated by the University and the employer. Number of credit hours to be awarded and hours of employment to be arranged by major program advisor. Final letter grade to be awarded by major advisor.

SOCIAL WORK

SOW 201: Career Choice and the Human Professions 3
An analysis of professional practice for potential Social Work students. The course familiarizes students with various professional roles and encourages students to examine Social Work as a possible career.

SOW 300/PSY 300/SOC 300: Statistics and Research Design I 3
Prerequisite: A background in general mathematics. This course introduces the theory, logic and use of qualitative and quantitative social statistics as methods of analyzing and refining raw social-psychological data.

SOW 301/PSY 301/SOC 301: Statistics and Research Design II 3
Prerequisite: A background in general mathematics. This course introduces the logic and skills of social science research and provides the opportunity to explore and study research design and methodology in detail.

SOW 306: Human Behavior I 3
Prerequisite: SOW 201. Basic study of humans as they develop over the life span and their membership in families, groups, organizations, and communities.

SOW 308: Dynamics of Marriage and Family Relations 3
Prerequisite: SOC 205 or consent of the instructor. An examination of diversity and change in marriage, family life, and women's roles and status in the United States.

SOW 310: Foundations of Social Work Practice 3
Prerequisite: SOW 201. The conceptual framework for the core curriculum in generalist practice with emphasis on developing knowledge and skill in problem-solving processes, interviewing methods, and effective communication techniques.

SOW 320: Basic Skills in Social Work Methods 3
Prerequisites: SOW 310. Builds upon foundation knowledge and skill in problem-solving, interviewing and communication with emphasis upon assessment, intervention and evaluation of practice with individuals, families, and small groups.

SOW 321: Social Welfare Policies, Issues and Programs I 3
Prerequisite: SOW 201. An overview of the historical and philosophical development of social welfare as an institution and social work as a profession.

SOW 322: Social Welfare Policies, Issues and Programs II 3
Prerequisites: SOW 306, SOW 308, SOW 320, and SOW 321. Emphasis is placed on interpretation, analysis and understanding of policies, programs, and issues of social welfare as an institution. The influences of movements, ideologies, political conditions, and sociocultural attitudes are examined.

SOW 324: Field Instruction I 6
Prerequisites: SOW 322 and faculty consent. An educational experience under faculty direction in an approved social service agency. Students work approximately 24 hours per week to gain experience providing services to various client systems.

SOW 325: Social Work Seminar I 3
Prerequisites: SOW 322 and faculty consent. Taken in conjunction with SOW 324, students examine issues related to integrating knowledge, values and skills learned in the classroom with their practice experience in an agency.

SOW 406: Human Behavior II 3
Prerequisites: SOW 324 and SOW 325. Examination and integration of selected concepts of social functioning of individuals within social systems in the context of their implications for social work practice.

SOW 420: Advanced Skills in Social Work Methods 3
Prerequisites: SOW 324 and SOW 325. Further development of foundation knowledge and skills in problem-solving, assessment, intervention, and evaluation of practice with families, groups, communities, and organizations.

SOW 424: Field Instruction II 6
Prerequisites: SOW 324, SOW 325, and faculty consent. Under faculty supervision, students work 24 hours per week in an approved social service agency to gain social work knowledge and skills in preparation for entering professional practice.

SOW 425: Social Work Seminar II 6
Prerequisites: SOW 324, SOW 325, and faculty consent. Taken in conjunction with SOW 424; offers students an opportunity to refine skills in utilizing the problem-solving process as a final preparation for professional practice.

SOW 430: Child Welfare Services 3
An historical analysis of child welfare as an institution and an in-depth study of programs, policies and practices and their impact on the rights of children, youth, and families.

SPANISH

SPA 101: Elementary Spanish I 3
An introductory Spanish course with emphasis on the spoken language: pronunciation, grammar, vocabulary building, drills, and readings. (Laboratory practice required)

SPA 102: Elementary Spanish II 3
Prerequisite: SPA 101 or acceptable score on the Spanish Placement Examination. Continuation of SPA 101 with emphasis on pronunciation, oral expression, and reading. (One hour of laboratory per week)

SPA 201: Intermediate Spanish I 3
Prerequisite: SPA 102 or acceptable score on the Spanish Placement Examination. More advanced work on Spanish conversation, composition, reading, and translation. Review of grammar and idioms. (One hour of laboratory per week)

SPA 202: Intermediate Spanish II 3
Prerequisite: SPA 201. Continuation of SPA 201 with greater emphasis on conversation, reading, and composition. (One hour of laboratory per week)

SPA 203: Spanish for Communication I 3
Prerequisite: SPA 202. Seeks to develop more advanced skills of listening, comprehension, speaking, writing, and reading beyond the usual review of grammar and reading of intermediate courses. (Laboratory practice required)

SPA 204: Spanish for Communication II 3
Prerequisite: SPA 203. A continuation, intermediate course, which provides additional oral and written practice by introducing new practical activities requiring the use of idiomatic Spanish. (Laboratory practice required)

SPA 301: Survey of Spanish Literature to 1700 3
Prerequisite: SPA 202. A study of Spanish Literature from its beginning to 1700: formation of the Spanish language, representative writers and works, history of ideas, foreign influences, and significance of Spanish literary productions.

SPA 302: Survey of Spanish Literature since 1700 3
Prerequisite: SPA 301. Continuation of SPA 301. A study of Spanish literature from 1700 to the contemporary period: Neo-Classicism, Romanticism, Costumbrism, Realist Novel, Naturalism, *Modernismo*, Generation of 1898, and twentieth century trends.

SPA 311: Advanced Spanish Composition 3
Prerequisite: SPA 202. Intensive review of special grammatical constructions — verbs, idioms, tenses, prepositions, etc. Special emphasis on grammatical correctness, on the clear and logical expression of ideas.

SPA 312: Advanced Spanish Conversation	3
Prerequisite: SPA 202. Intensive conversational practice designed to develop fluency, clarity, and precision in the oral expression of ideas.	
SPA 313: Spanish for the Professions	3
Prerequisite: SPA 204. An advanced, more specialized and intensive course that stresses the development of advanced skills in oral and written Spanish needed in the most common professions: health occupations, business, education, law, etc. (Laboratory practice required)	
SPA 403: Spanish Civilization	3
Prerequisite: SPA 202. Study of Spanish civilization from 1700 to the present. Special readings and reports. Conducted partly in Spanish.	
SPA 404: The Civilization of Ibero-America	3
Prerequisite: SPA 202. A study of social, economic, cultural, and political life and institutions of Spanish America and Brazil from the pre-Columbian period to the present.	

SPEECH

SPE 103: Interpersonal Communication	3
The verbal and nonverbal aspects of human communication. Emphasis is placed on roles played by self-esteem, perception, trust, conflict, language, values, etc.	
SPE 200: Public Speaking	3
Prerequisite: SPE 103. Deals with the preparation, delivery, and evaluation of speeches. Emphasis is placed upon the impromptu, the extemporaneous, and the written speech.	
SPE 201: Group Discussion and Debate	3
The theory and practice of small and large group discussion; formal and informal debate strategies. Emphasis is placed upon the role of the individual in the group process.	
SPE 302: Interracial/Intercultural Communication	3
Prerequisite: SPE 103. The study of communication strategies in different cultural and racial groups.	
SPE 304: Oral Interpretation	3
Prerequisite: SPE 103. Designed to equip the student with techniques for effective oral interpretation of such literature as the Bible, the Classics, dramatic literature, and poetry.	
SPE 310: Persuasive Speaking	3
Prerequisite: SPE 103. The study of the rhetorical aspects of speech in persuasive styles. Emphasis is placed on gathering, structuring, and orally presenting persuasive data.	
SPE 315: Voice and Diction	3
Prerequisite: SPE 200. A basic course offered to acquaint the student with the social, physiological, psychological, phonetic, and linguistic bases of speech communication.	
SPE 401: Institutional Communication	3
Prerequisite: Consent of instructor. Designed to acquaint the student with organizational structures and how they develop internal and external communication systems.	
SPE 402: Public Relations	3
Prerequisite: Consent of instructor. Study of concepts and guidelines of the public relations profession. Students are given the opportunity to practice public relations theory in a variety of class and out-of-class activities and organizations.	

TEXTILES, CLOTHING AND MERCHANDISING

TCL 102: Principles of Clothing Construction	3
Fundamentals of pattern alteration, fitting and construction with emphasis on design quality and construction compatibility. (Lecture and laboratory, four hours)	

TCL 221: Textiles I	3
Consumer-oriented study of textiles, emphasizing fibers, fabric construction, and finishes in relation to use, serviceability, and care of apparel and household fabrics. (Combined lecture and laboratory)	
TCL 222: Textiles II	3
Prerequisite: TCL 221. Individualized laboratory examination of fibers, yarns, fabrics, and finishes.	
TCL 231: Introduction to Design	3
An identification of the elements and principles of design and application to contemporary apparel design and production; analysis of the relationship of design to figure type, personality, color and fabrication.	
TCL 232: Decorative Textiles	3
Prerequisite: TCL 231. Basic applications and techniques of decoration in the development of textiles. (Lecture/laboratory — four hours)	
TCL 311: Social and Psychological Aspects of Clothing	3
A study of cultural, aesthetic, functional, and technical factors that determine the meaning and use of clothing and textiles by individuals and society.	
TCL 318: Historic Costume	3
A study of the development of costume from ancient times to the present.	
TCL 321: Advanced Clothing	3
Prerequisite: TCL 102. Practical experience in constructing garments of wool and more delicate fibers employing tailoring methods as well as speed techniques. (Lecture/Laboratory — four hours)	
TCL 337: Fashion Analysis	3
The study and analysis of the dynamic nature of fashion and the interacting forces that shape fashion trends in apparel.	
TCL 342: Fashion Merchandising	4
Prerequisite: Completion of course requirements in major and minor options through junior level. The analysis of fashion merchandising practices and problems focusing on application of decision mechanisms. (Lectures, tours, and related experiences)	
TCL 410: Practical Problems and Field Experience	12
Prerequisite: Successful completion of all course work through the junior year. One semester of supervised practical experience with pay in a department or specialty store, or a clothing or home furnishings manufacturer. Scheduled only by prearrangement.	

THEATRE

THE 107, 207, 307, 407: Theatre Practicum I, II, III, IV	1
Practical, supervised work with actual theatre productions. May be selected as performance or technical theatre practicum in accordance with casting and other needs of stage productions.	
THE 200: Introduction to Dance	3
A survey of the history and aesthetics of dance in relation to society and to the other arts. Includes demonstration and instruction in the rudimentary techniques of the various dance styles.	
THE 204: Introduction to Theatre	3
Through readings, lectures, demonstrations, and active participation behind the scenes in an actual production, the student gains an appreciation and knowledge of theatre history, design, and tradition.	
THE 210: World Drama	3
Prerequisite: ENG 211. Study of Western World dramatic literature from antiquity to Ibsen. Emphasis is on works that are examples of the major periods of drama.	
THE 220: Modern Drama	3
Prerequisite: THE 210. A study of dramatic literature from Ibsen to the present, illustrating the literary, historical, and social development of the modern era.	

THE 250: Acting	3
Laboratory class in the fundamentals, techniques, and practice of stage credibility and acting. Exercises are directed toward developing relaxation, self-exploration, stage presence, and other acting skills.	
THE 260: Music Theatre I	3
Prerequisite: THE 250. Development of skills in energizing, concentrating, and structuring. Energy concepts include physical, vocal, mental, and emotional energy. Concentrating includes conceptualization and imagination.	
THE 300: Interpretive Dance	2
Prerequisite: THE 200 or consent of instructor. Theory and practice of techniques and composition. Emphasis is placed on execution of dance techniques for theatrical productions.	
THE 305: Theatre History	3
Prerequisite: THE 204. A survey of theatre from its primitive origins through the emergence of modern drama. Study of content and trends in dramatic literature and play production.	
THE 360: Music Theatre II	3
Prerequisite: Auditions. A continuation of skills stressed in THE 260. Emphasis on singing, moving, and isolating vocal mechanisms from everything else, and emphasis on physical response, reflecting, and rhythmic patterns.	
THE 380: Play Directing	3
Prerequisite: THE 250. A study of play direction and play analysis. Focus on blocking, line learning, and correct character portrayal. Students prepare a prompt book which details the director's plans for all of these.	
THE 404: Stage Craft	3
Study and guided practice in the theory, principles, techniques, and materials of scene and lighting design for the contemporary theatre. Development of the design through plans.	
THE 408: Black Theatre	3
Prerequisite: THE 204. Study of goals, careers, problems, dreams, and accomplishments of black playwrights, actors, directors, choreographers, designers, critics, and theatre groups.	
THE 410: Seminar in Theatre	2
Prerequisite: Consent of department. Examination and discussion of the styles of theatre practices with special emphasis on elements of production relating to stylistic conception.	

WHITNEY YOUNG COLLEGE

WYC 101: Great Books Seminar I	4
Readings from Homer, Aeschylus, Sophocles, Plato, Aristophanes, Thucydides.	
WYC 102: Great Books Seminar II	4
Prerequisite: WYC 101. Readings from Plato, Aristotle, Euripides, Lucretius, Virgil, Marcus Aurelius, and the Bible.	
WYC 111: Language I	4
Ancient Greek. Study of grammatical structure of ancient Greek, with particular application to translation of Book I of Homer's <i>Iliad</i> . Regular work in English composition is assigned on topics covered in the tutorials and seminar.	
WYC 112: Language II	4
Prerequisite: WYC 111. Continuation of the work of WYC 111, with particular emphasis on improving students' skill in the translation of Homer. Written exercises as in WYC 111.	
WYC 121: Mathematics-Science I	4
Euclid's <i>Elements</i> . Properties of straight lines, triangles, and circles; application of areas; theories of ratio and number.	

WYC 122: Mathematics-Science II	4
Prerequisite: WYC 121. Conclusion of Euclid's <i>Elements</i> : incommensurable numbers and solid geometry. Selections from Ptolemaic and Copernican astronomy.	
WYC 131: Beginning Classical Greek I	3
Ancient Greek. The same course as WYC 111, with the exception of the regular work in English composition. This course, which fulfills 3 credit hours of the University's foreign language requirement, is available only to non-Whitney Young College students. Permission of the instructor and the dean is required.	
WYC 132: Beginning Classical Greek II	3
Prerequisite: WYC 131. Continuation of Ancient Greek; the same as WYC 112, with the exception of the regular work in English composition. This course, which fulfills 3 credit hours of the University's foreign language requirement, is available only to non-Whitney Young College students. Permission of the instructor and the dean is required.	
WYC 201: Great Books Seminar III	4
Prerequisite: WYC 102. Readings from St. Augustine, Thomas Aquinas, Dante, Chaucer, Shakespeare, Machiavelli, and Luther.	
WYC 202: Great Books Seminar IV	4
Prerequisite: WYC 201. Readings from Descartes, Pascal, Hobbes, Milton, Spinoza, Leibniz, Locke, Adam Smith, Swift, and Blake.	
WYC 211: Language III	4
Prerequisite: WYC 112. Readings in English poetry from Anglo-Saxon to Elizabethan times. Includes a close reading of one of Chaucer's <i>Canterbury Tales</i> , one play by Shakespeare, and material related to seminar. Advanced composition exercises.	
WYC 212: Language IV	4
Prerequisite: WYC 211. English poetry from the metaphysical poets to the Romantics and beyond at the discretion of the instructor. Continuation of advanced composition.	
WYC 221: Mathematics-Science III	4
Prerequisite: WYC 122. Early modern physics and calculus. Readings from Galileo, Descartes, Newton, Huygens, Leibniz and others. Laboratory exercises and calculus manual.	
WYC 222: Mathematics-Science IV	4
Prerequisite: WYC 221 or consent of the dean. Early modern physics and calculus continued. Readings in Apollonius, Kepler, Galileo, Newton, Descartes, Berkeley, Kant and others. Laboratory exercises.	
WYC 241: Intermediate Classical Greek I	3
Prerequisites: WYC 112 and consent of the instructor. Reading and translation of authors such as Plato, Xenophon, Lucian, Demosthenes. May be counted as a liberal studies elective for students majoring or minoring in Liberal Studies.	
WYC 242: Intermediate Classical Greek II	3
Prerequisites: WYC 241 and consent of the instructor. Reading and translation of a Greek tragedy of Sophocles or Euripides. May be counted as a liberal studies elective for students majoring or minoring in Liberal Studies.	
WYC 301: Great Books Seminar V	4
Prerequisite: WYC 202. Readings from George Eliot, Hume, Rousseau, Kant, Wollstonecraft, Mary Shelley, Austen, de Tocqueville, Emerson, Lincoln, Frederick Douglass, and DuBois. Open to non-Whitney Young College students with the permission of the tutors.	
WYC 302: Great Books Seminar VI	4
Prerequisite: WYC 301. Readings from Kierkegaard, Marx, Dickens, Thoreau, Twain, Whitman, Melville, Dickinson, Cather, Darwin, Nietzsche, Dostoyevsky, Joyce, Chopin. Open to non-Whitney Young College students with the permission of the tutors.	

- WYC 311: Language V

4

Prerequisite: WYC 212. A study of rhetoric, proceeding indirectly through use of selected American state papers related to central constitutional issues. Readings from Washington, Madison, Hamilton, Lincoln, Douglas, Douglass, DuBois, and others. Open to non-Whitney Young College students with the permission of the tutor.
- WYC 321: Mathematics-Science V

4

Prerequisite: WYC 222. Optics. Readings from Newton, Huygens, Young and Fresnel. Laboratory exercises. Topics considered include reflection, refraction, color phenomena, interference, diffraction. Open to non-Whitney Young College students with the permission of the tutor.
- WYC 331, 332: Preceptorial I, II

3

Intensive analytical work on texts and topics chosen by tutors to complement the regular but more extensive work in the seminars and tutorials. Significant compositional work will be expected.
- WYC 401: Great Books Seminar VII

4

Prerequisite: WYC 302. Readings from Tolstoy, Yeats, Poincare, Einstein, Monod, Ayer, Heidegger, James, Freud, T.S. Eliot, Kafka, Faulk-

- ner, Chestnutt, Rich and Nietzsche. Open to non-Whitney Young College students with the permission of the tutors.
- WYC 421: Mathematics-Science VI

4

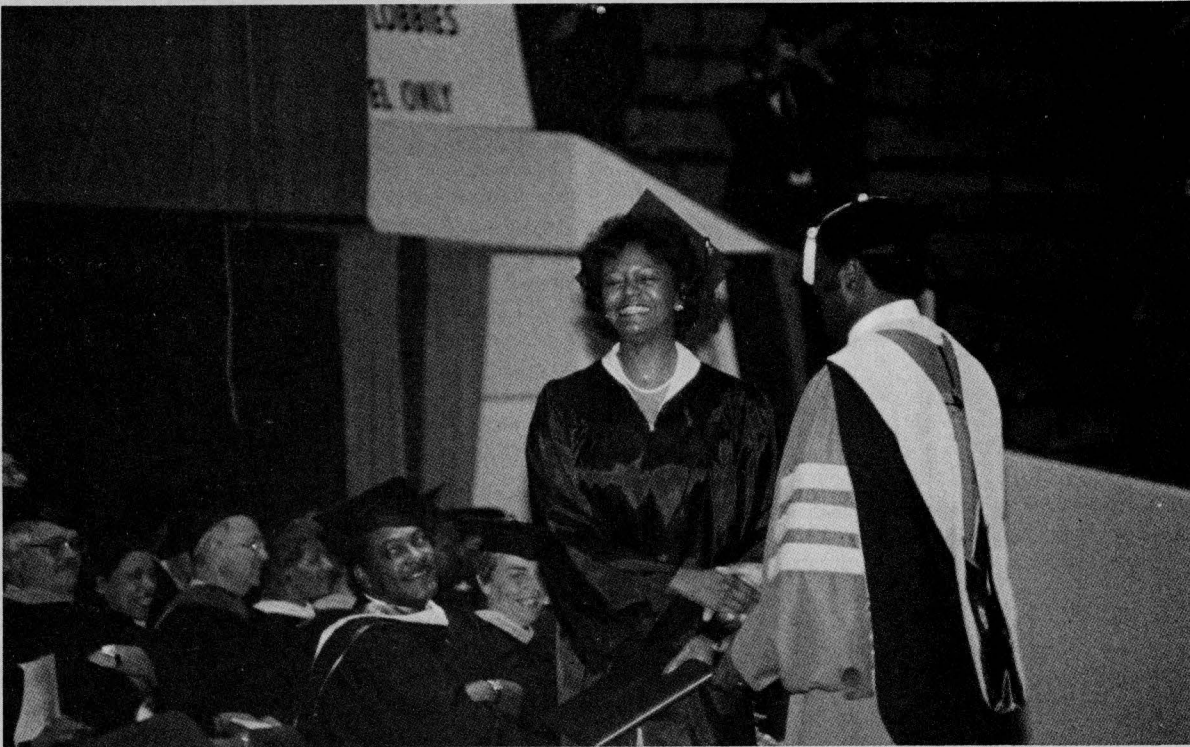
Prerequisite: WYC 321. Major issues and methods in the social sciences. Founding documents will be compared to contemporary critical essays. Laboratory and field work projects. Descriptive statistics and elementary probability theory. Open to non-Whitney Young College students with the permission of the tutor.
- WYC 431, 432: Preceptorial III, IV

3

Intensive analytical work on texts and topics chosen by tutors to complement the regular but more extensive work in the seminars and tutorials. Significant compositional work will be expected.
- WYC 441: Senior Essay

3

Independent study, resulting in an essay of significant proportions, on a topic agreed upon by the student and two tutors. Progress will be supervised weekly. A public defense of the thesis of the essay is required at the conclusion of the course.



University Board of Regents

	Date term expires
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Mr. Ballard W. Cassady, Jr. <i>Pikeville, Kentucky</i>	March 31, 1987
Mr. John B. Clarke <i>Louisville, Kentucky</i>	March 31, 1987
Vacant (Faculty Regent)	
Mr. Elliott Marcus <i>Frankfort, Kentucky</i>	March 31, 1987
Mrs. Donna Moloney, Vice Chairperson <i>Lexington, Kentucky</i>	April 28, 1988
Ms. Sue Speed <i>Louisville, Kentucky</i>	January 1, 1990
Mr. Luska J. Twyman <i>Glasgow, Kentucky</i>	March 31, 1987
Mr. Jacques Wigginton (Student Regent) <i>Lexington, Kentucky</i>	May 1, 1987
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- (Vacant) —
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- (Vacant)
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*Diploma in Graphics Design
Director of University Graphics*

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Director of Special Projects

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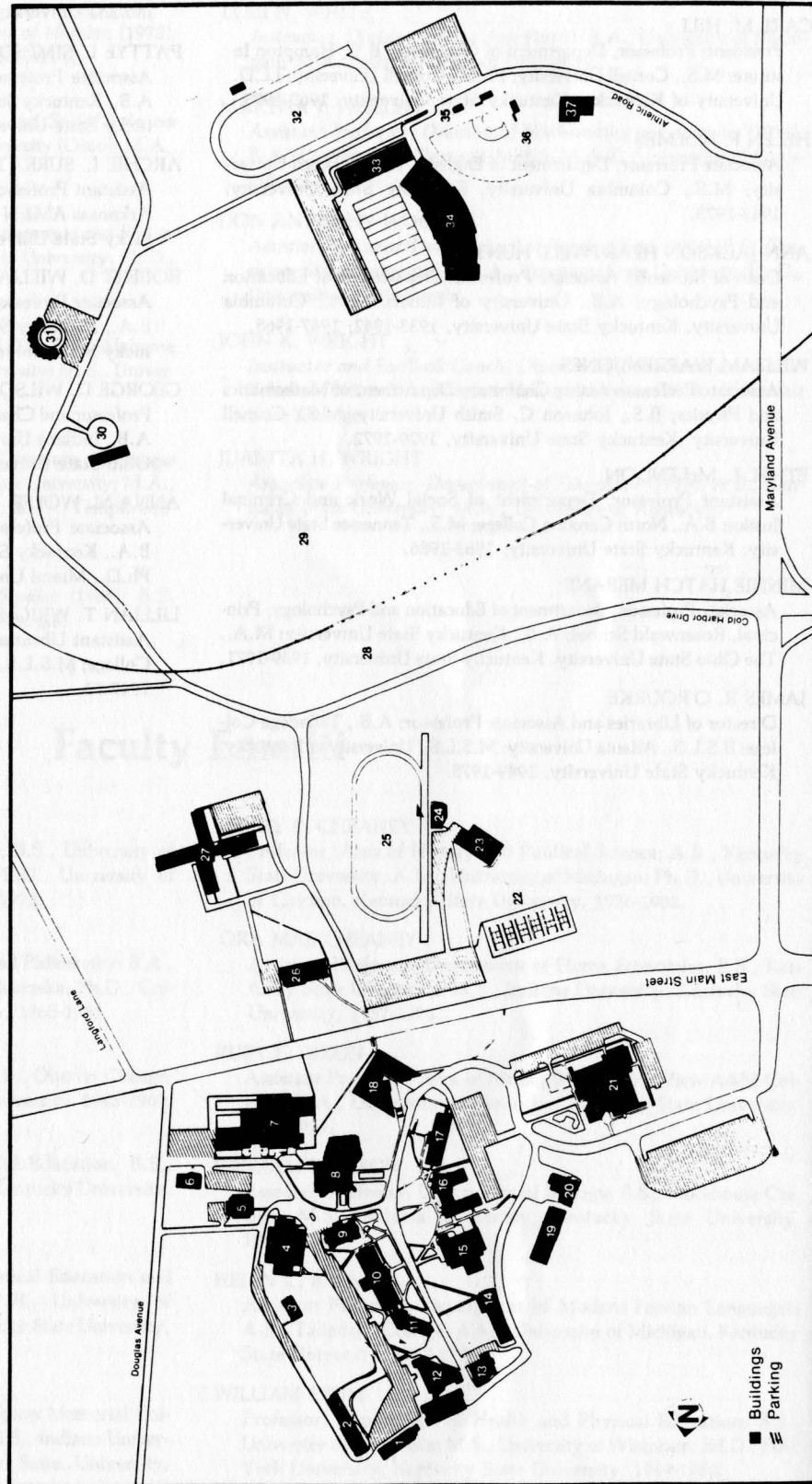
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